i-Disk Touch
Biometric Fingerprint Software

User's Manual

(Version 1.0)

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1. Introduction

Congratulations on purchasing **Pretec**'s **i-Disk Touch**. This tiny, Ultra-portable, Hi-Speed USB2.0 storage device is the perfect data management system for uploading, downloading, storing and transferring your precious data and information to any desktop or notebook computer. **i-Disk Touch** is a unique Hi-Speed USB 2.0 Flash Drive that plugs directly into your desktop or notebook computer and incorporates the latest Biometric Fingerprint Recognition Technology, so now you can securely store your files, folders, documents, photos, music and e-work with the topmost confidence. In addition, **i-Disk Touch** comes bundled with a very powerful and useful software that can (used in Windows® 2000/XP/Vista) increase your productivity. The **Pretec Biometric Fingerprint Software Suite** includes **Fingerprint Management, Website Auto-Login, Mobile Favorites, Secure Virtual Disk, 256-bit AES files and folders encryption, PC-Lock** and **extra Repartition Tool**. This Software User's Manual will help you get the most from your new device, please read it in detail before using **i-Disk Touch**.

1.1 Features

- Fully compatible with Hi-Speed USB 2.0
- Advanced Biometric Fingerprint Recognition Technology
- Easy Plug and Play installation
- Additional software pack (helps you manage your data)
- Fingerprint Management: Help you manage your registered fingerprint data
- Website Auto-Login: Automatically login websites where you are a registered user
- Mobile Favorites: Access your Internet Explorer Favorites on another computer
- Advanced Secure Virtual Disk: Protect your vital data with virtual disk, 256-bit AES encryption and fingerprint technology
- Advanced 256-bit AES Encryption: Protect your files and folders using 256-bit AES encryption and fingerprint technology
- Advanced PC-Lock: Lock your computer away from suspected unauthorized access
- Repartition Tool: Change the size of the PrivateZone and PublicZone partition areas for storing data
- USB flash drive is powered itself. No external power, or battery needed
- Driverless (for Windows® 2000/XP/Vista)

1.2 System Requirements

- **Hardware**
  10MB of free hard drive space at least
  Recommended RAM size of at least 128MB or higher

- **Available USB port**
  Desktop or notebook computer with a working USB port

- **Operating System**
  i-Disk Touch can only be used in a computer running the following Operating Systems:
  Windows® 2000, Service Pack 4 or later
  Windows® XP, Service Pack 1 or later
  Windows® Vista (32-bit only), Service Pack 1

- **Web Browser**
  Microsoft® Internet Explorer 6, Service Pack 1 or later

2. Important Usage Reminders

These usage and safety guidelines are **IMPORTANT!** Please follow them carefully.

> **WARNING!** The sensor strip on **i-Disk Touch** is sensitive to physical damage, so please avoid squeezing, or scratching your **i-Disk Touch** with any hard or sharp objects. When not in use, or during transportation, always make sure that the device's protective cover is on.

2.1 General Use

- The Pretec **i-Disk Touch** comes bundled with software and can only be used with a computer that is running Windows® 2000, XP or Vista (please refer to Section 1.2 for detail).
- Each time you plug **i-Disk Touch** into your computer it will install a new **Local Disk** containing setup information. Do **NOT** attempt to edit, delete, or modify any of the information on this disk.
- Be sure to make and save a **Backup User Authentication Profile** of your **i-Disk Touch** Fingerprint user information to your computer.
- Always follow the procedures in the "Disconnecting from a Computer" section to remove your **i-Disk Touch** from a computer.

2.2 Backing Up Data

- **Pretec/C-ONE Technology Corp. does NOT take any responsibility for data loss, or damage during operation**. If you decide to store data on your **i-Disk Touch** we strongly suggest that you regularly back up the data to a computer, or other storage media.
- To ensure High-Speed USB 2.0 data transfer rates when using your **i-Disk Touch** with a computer, please check if your computer has relevant USB drivers. If you are unsure of how to proceed this, please refer to the computer or motherboard User's Manual for USB driver information.

3. Connecting to a Computer

1. Plug **i-Disk Touch** directly into an available USB port on your desktop, or notebook computer.

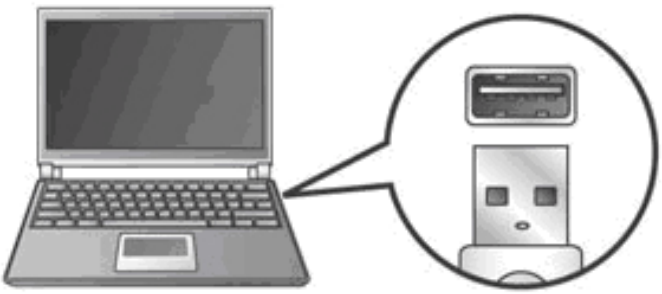

Figure 1. Connecting to a Computer

2. When **i-Disk Touch** is successfully connected to a computer, a new **Removable Disk** drive with a newly assigned drive letter PUB representing the **i-Disk Touch** and a **Autorun** icon (virtual CD-ROM drive) containing the fingerprint software setup information will appear in the **My Computer** window. In addition, a Hardware icon and **Biometric Fingerprint Application** icon will appear on the Windows System Tray.

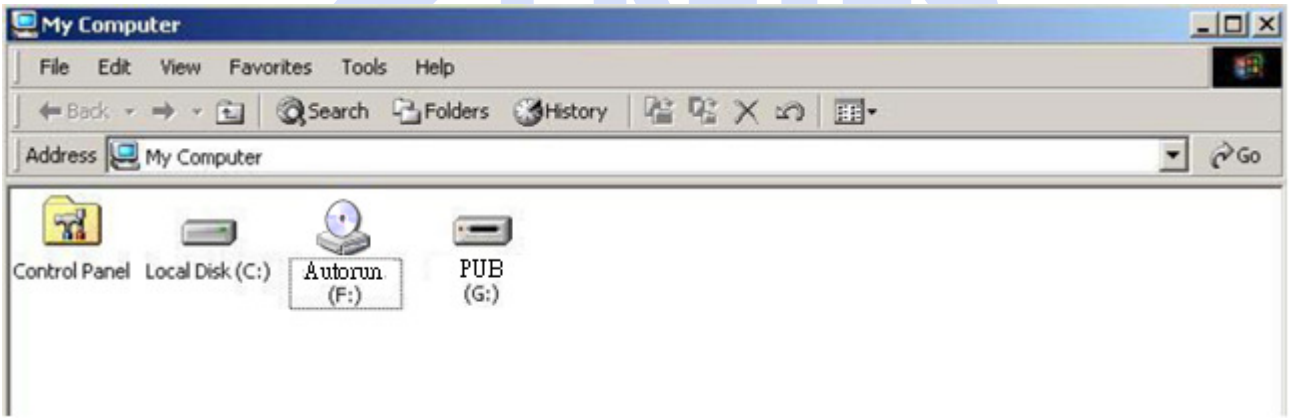

Figure 2. F & G: are example drive letters, the letters in your "My Computer" window may differ

3. Once you are successfully logged in to **Identity Authorization** window you can download data to **i-Disk Touch** simply by dragging and dropping files or folders onto the **PRI** drive letter that represents **i-Disk Touch**.

> **WARNING!** Do **NOT** attempt to edit, delete, or modify any of the information on **iDiskTouch** virtual CD-ROM disk.

4. Disconnecting from a Computer

When you are finished using **i-Disk Touch** always click on the **Quit** option in the **Biometric Fingerprint Application** to end the session properly.

1. Right click on the **Biometric Fingerprint Application** icon on the Windows System Tray and select the **"Quit"** option.

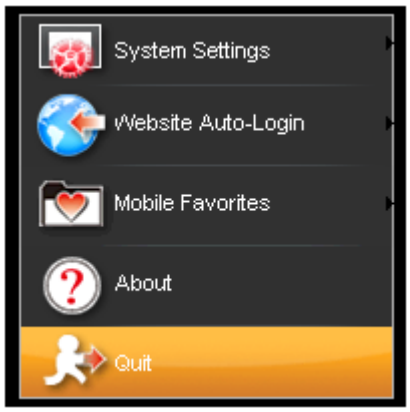

Figure 3. Quit

4.1 Removing i-Disk Touch in Windows® 2000, XP and Vista

1. Select the **Hardware** icon on the system tray.
2. The **Safely Remove Hardware** pop-up window will appear. Select it to continue.

Figure 4. Safely Remove Hardware

3. A message window will appear stating, **"The 'USB Mass Storage Device' device can now be safely removed from the system."**

Figure 5. Safe to Remove Hardware

WARNING! To prevent data loss, always use this procedure to remove i-Disk Touch from Windows® 2000, XP and Vista.

5. Setting Up the Software

> **CAUTION!** Before using i-Disk Touch for the first time you must set up the units' application software in the System Setup Wizard.

The Pretec **i-Disk Touch** comes bundled with some very useful software that can be used to manage your data and increase your productivity. Before using **i-Disk Touch** for the first time, please ensure that you set up **i-Disk Touch**'s application software; this will ensure that you get the maximum benefit from your **i-Disk Touch**.

1. Plug **i-Disk Touch** directly into an available USB port on your desktop, or notebook computer.
2. The **System Setup Wizard** window will appear and guide you through the setup process. Please follow the on-screen instructions to complete setting up the **i-Disk Touch** application software. Click on the **"Next"** button to continue. The Wizard will prompt you with two options. Option one is to create a New User account. Option two gives access to previously saved User Authentication Profile. If this is your first time using **i-Disk Touch** select option one by clicking on the **"Create a new User Profile"** radio button. Click on the **"Next"** button to continue.

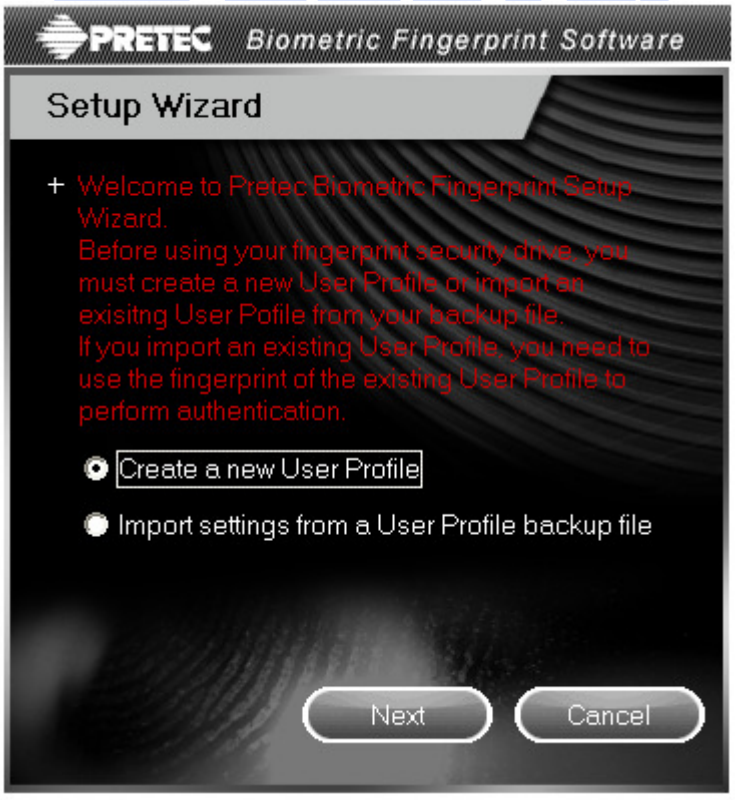
PRETEC Biometric Fingerprint Software
Setup Wizard
Welcome to Pretec Biometric Fingerprint Setup Wizard.
Before using your fingerprint security drive, you must create a new User Profile or import an exisitng User Pofile from your backup file.
If you import an existing User Profile, you need to use the fingerprint of the existing User Profile to perform authentication.
Create a new User Profile
Import settings from a User Profile backup file
Next
Cancel

Figure 6. System Setup Wizard

3. Select a finger which you want to registration. Input a **"User Name**," this can be a combination of letters and numbers only (no spaces). Input a **"Password"** and **"Confirm Password**." Click on the **"Next"** button to continue.

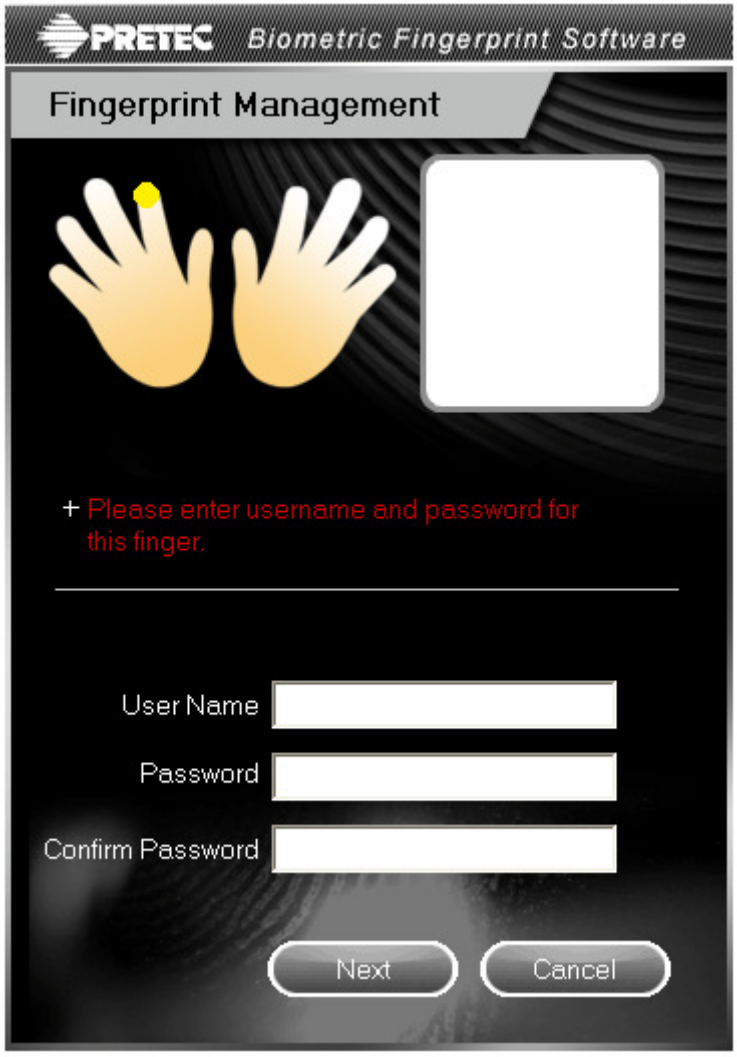

Figure 7. Enter the User Name and Password

❖ Entering a password gives you the option of using your own password, or your fingerprint to access secure data.

4. Setting up the fingerprint software involves sliding the selected finger, or thumb along the sensor strip **of i-Disk Touch** three times to register your fingerprint information. Please be patient when you are performing this procedure, as it may take a few attempts to register your fingerprint profile.

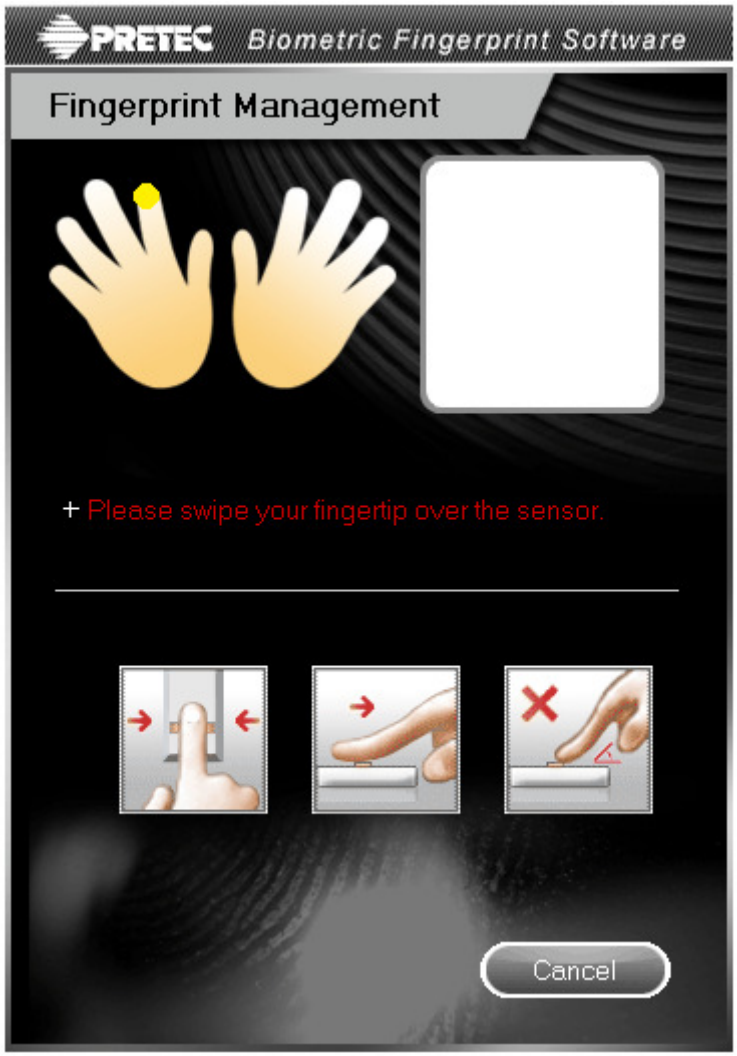

Figure 8. Fingerprint Registration Requires 3 Successful Scans

5. Click on the **"Exit"** button to complete the setup process and exit the **System Setup Wizard**.

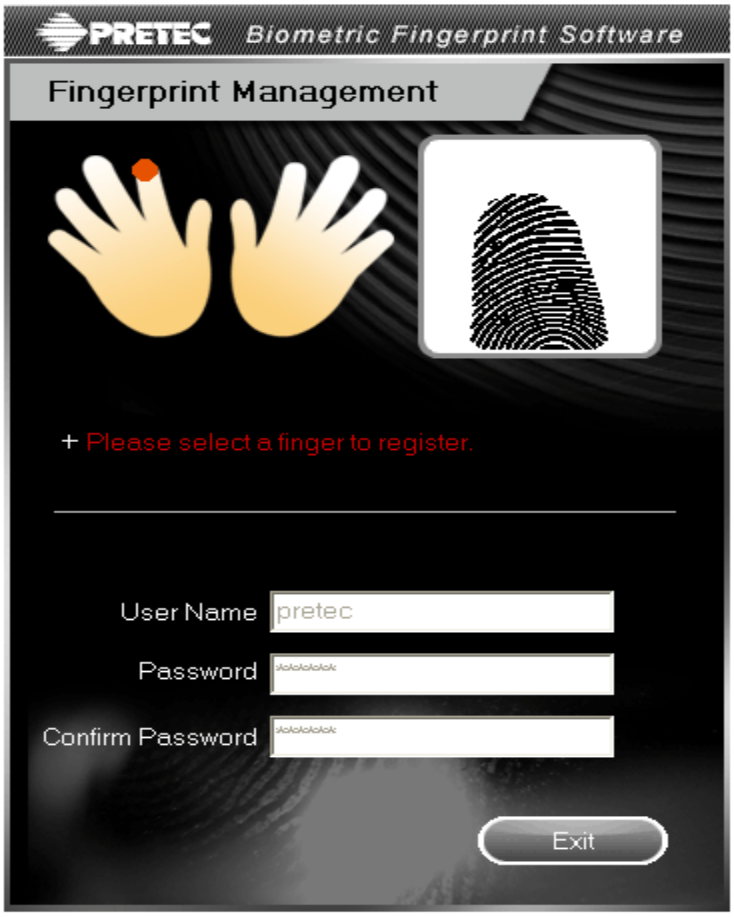

Figure 9. Click Exit to Complete the Setup Process

6. The first time you enroll a fingerprint, you will be required to backup your User Profile, Password, and Fingerprint information in the form of a *.bak file to the pre-specified location (or user-specified location) by clicking on the **"Save"** button.

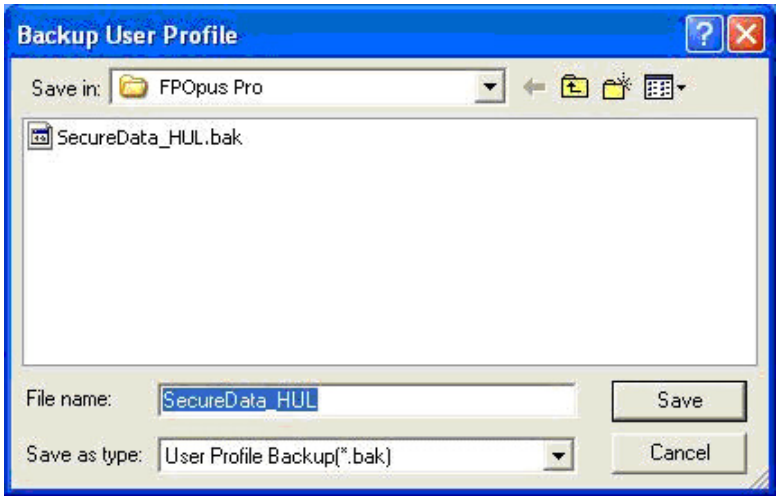

*Figure 10. Select a Location for Your Backup *.bak File*

6. i-Disk Touch Secure Login

To access data and information, or change any of the settings on your **i-Disk Touch** you will need to login via the **Identity Authorization** window. The login window will appear when you plug in **i-Disk Touch**, or anytime you try to access protected data or any of **i-Disk Touch**'s functions.

1. Right click on the **Biometric Fingerprint Application** icon on the Windows System Tray. Select any of the options.

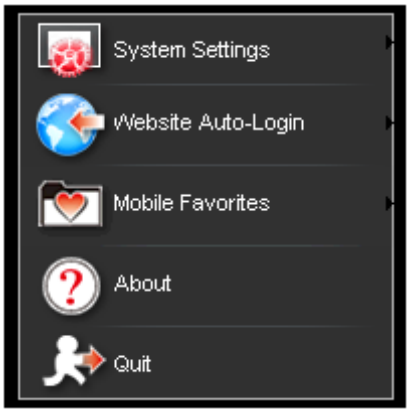

Figure 11. i-Disk Touch's Functions

2. The **Identity Authorization** window will appear. Swipe your fingerprint or enter your secret password to access protected data or change the settings of **i-Disk Touch**.

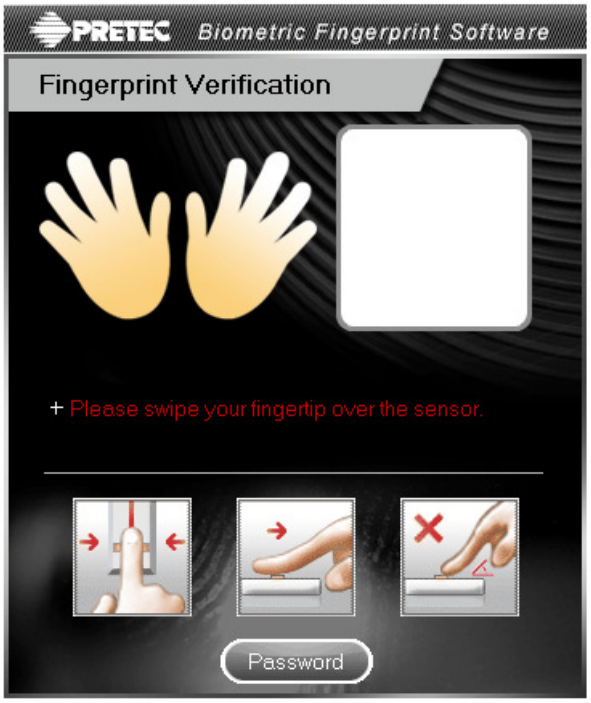

Figure 12. Identity Authorization Login

3. An incorrectly scanned or unrecognized fingerprint scan will cause a **"Fail"** message to pop up.

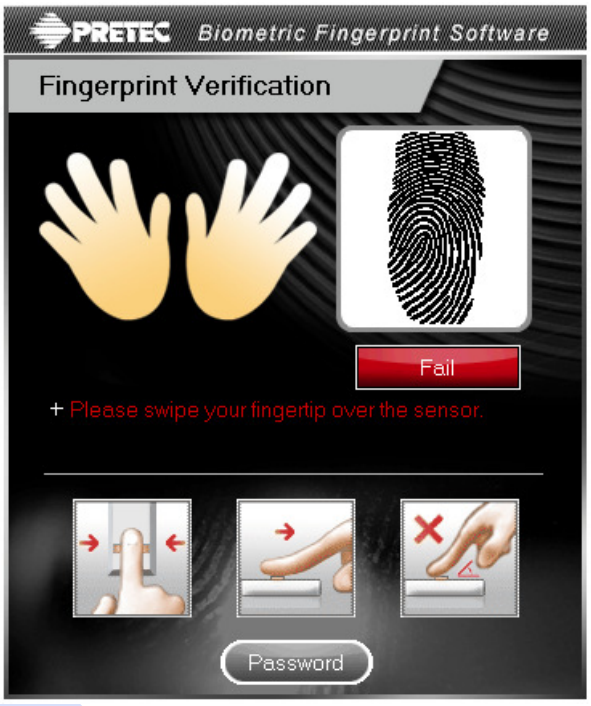

Figure 13. Verification Failed

4. A successful fingerprint login will allow you to access the files or menu feature you initially selected.

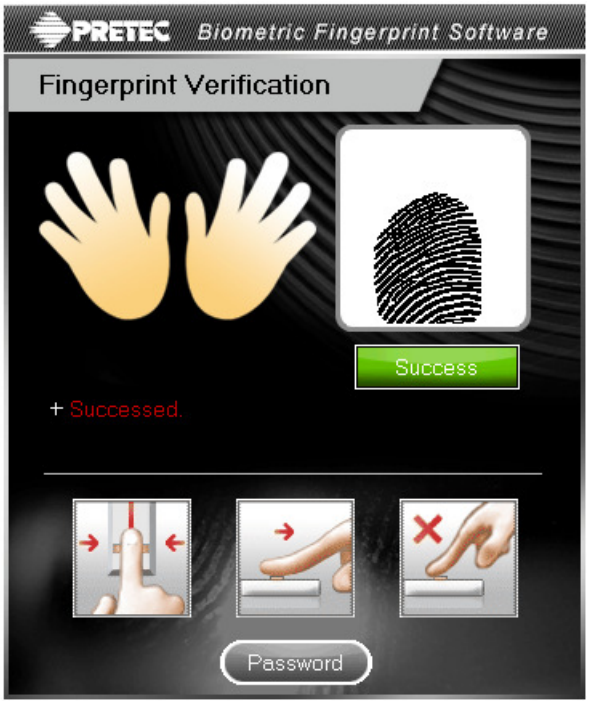

Figure 14. Fingerprint Verification Successful

5. To login using your password; simply key in your user name and password in the space provided.

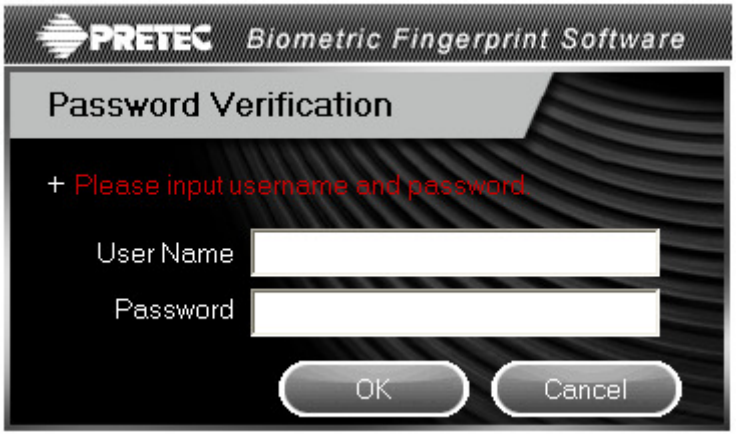

Figure 15. Input Password

6. When an incorrect password is entered, a **"Password confirmation failed"** message will be displayed.

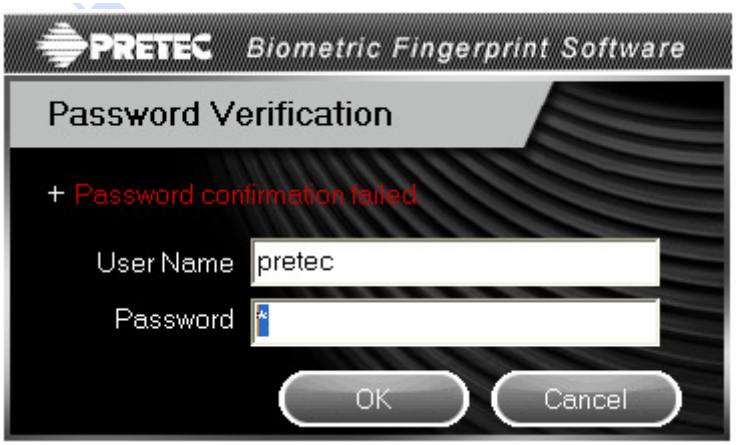

Figure 16. Invalid Password

7. A successful password login will allow you to access the files or feature you previously selected.

7. Basic Functions

After plugging in **i-Disk Touch**, the **Biometric Fingerprint Application** icon will appear in the Windows System Tray. Move your mouse cursor over the icon and click the right mouse button. The **i-Disk Touch Biometric Fingerprint Application** main menu will pop up with five basic functions.

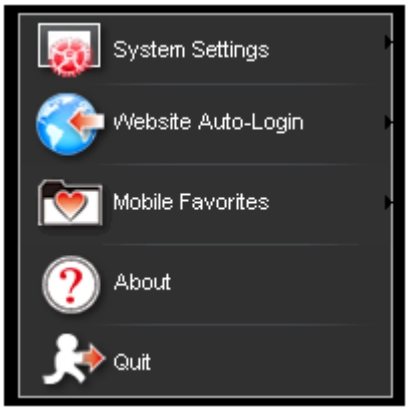

Figure 17. i-Disk Touch Biometric Fingerprint Software's Main Menu (Basic Functions)

1. **System Settings**：This menu lets you manage important functions of the **i-Disk Touch** software such as enrolling or deleting fingerprints, changing passwords, backing up your password/fingerprint profile database, and more.

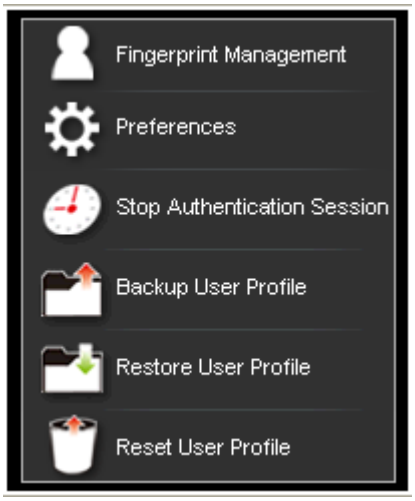

Figure 18. System Settings Menu

2. **Website Auto-Login:** This menu includes features for saving and managing usernames and passwords for secure websites that you want **i-Disk Touch** to automatically access for you.

Figure 19. Website AutoLogin Menu

3. **Mobile Favorites**：This option enables your website bookmarks to be stored on **i-Disk Touch**, or copy new bookmarks from your desktop or notebook computer to **i-Disk Touch** for browsing on other computers.

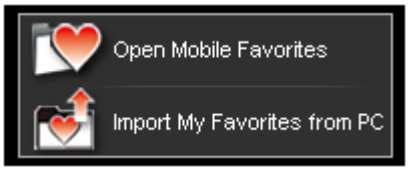

Figure 20. Mobile Favorites Menu

4. **About**：Display current version information of the **i-Disk Touch** software.

5. **Quit**：Closes the **i-Disk Touch Biometric Fingerprint Application** (Note: the **PRI** partition of the drive will no longer be available when the software application is closed).

8. System Settings

You can change the settings of **i-Disk Touch** by entering the **System Settings** in the Biometric Fingerprint Application. System Settings can only be accessed by logging into the **Identity Authorization** window using your fingerprint, or secure password.
This section contains information on;

- **Fingerprint Management**
- **Preferences**
- **Stop Authentication Session**
- **Backup User Profile**
- **Restore User Profile**
- **Reset User Profile**

8.1 Fingerprint Management

1. Fingerprint Management lets you manage the data of 10 fingers such as Add enrollment, Modify and Delete.

Figure 21. Fingerprint Managements Function

2. Select Fingerprint Management from the Settings menu and click on one of the enrolled fingerprints (enrolled fingerprints are indicated by a finger with a red dot on it). You will be given the option to Edit or Delete. If you choose "**Edit**," you can modify the User Name and Password for that fingerprint.

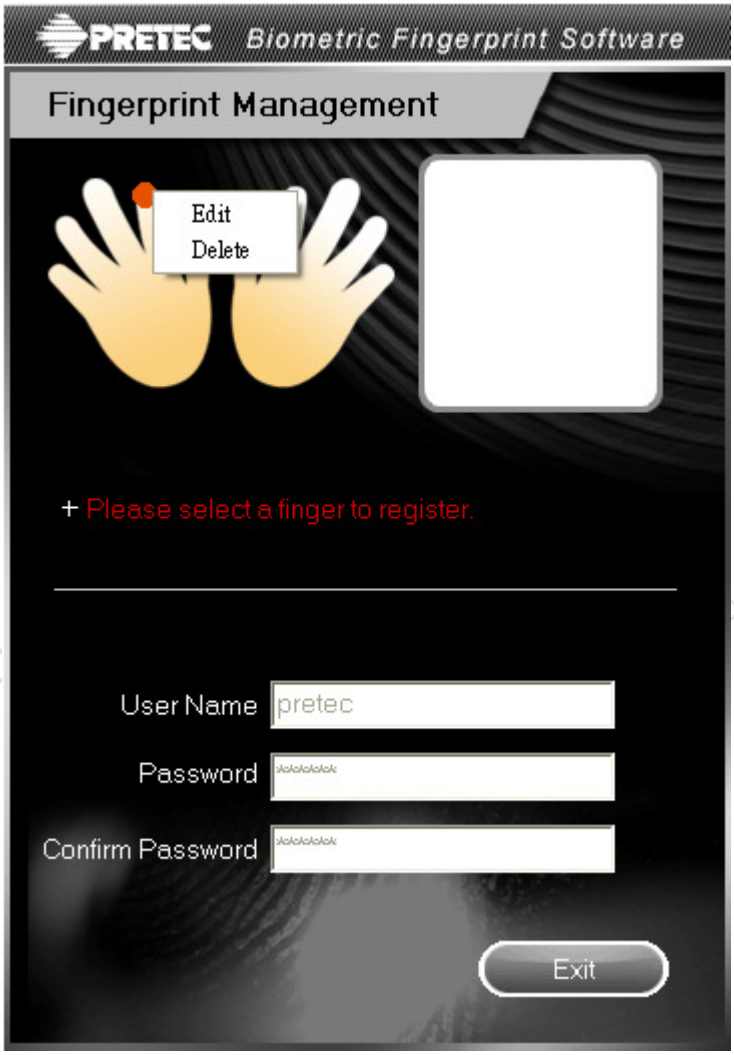

Figure 22. Edit / Delete Options

3. If you choose "**Delete**," this enrolled fingerprint will be deleted from **i-Disk Touch**'s database and can no longer be used for authentication.

Figure 23. Delete the Enrollment

8.2 Preferences

This section allows users to set the Verification Method, Authentication Session time and Language for your preference.

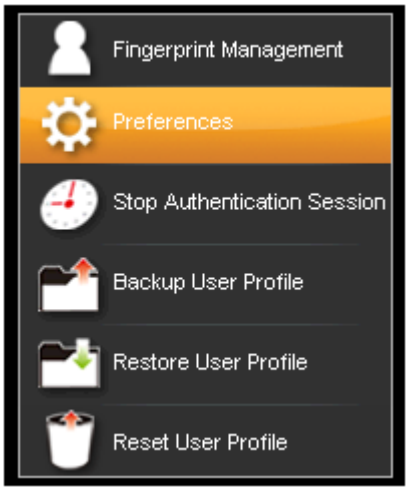

Figure 24. Preferences Setting Function

- **Authentication Method**：

  1. **Both**：Both Fingerprint and Password will be required to verify user identity. After successful fingerprint verification, you will need to also input the correct password associated with that fingerprint.

  2. **Either**：With this setting, users will be prompted for Fingerprint verification first, then if fingerprint authentication fails, password verification will be used instead.

- **Authentication Session Timer**：

Users can also set the valid time for verification. During this time, you can use any functions without any further verifications.

- **Language**：

This setting enables you to change the language preference **of the** software's user interface. (Note: This feature is only available when using Windows® 2000 or XP. When using Windows Vista, the language will automatically be set to your operating system's default language.)

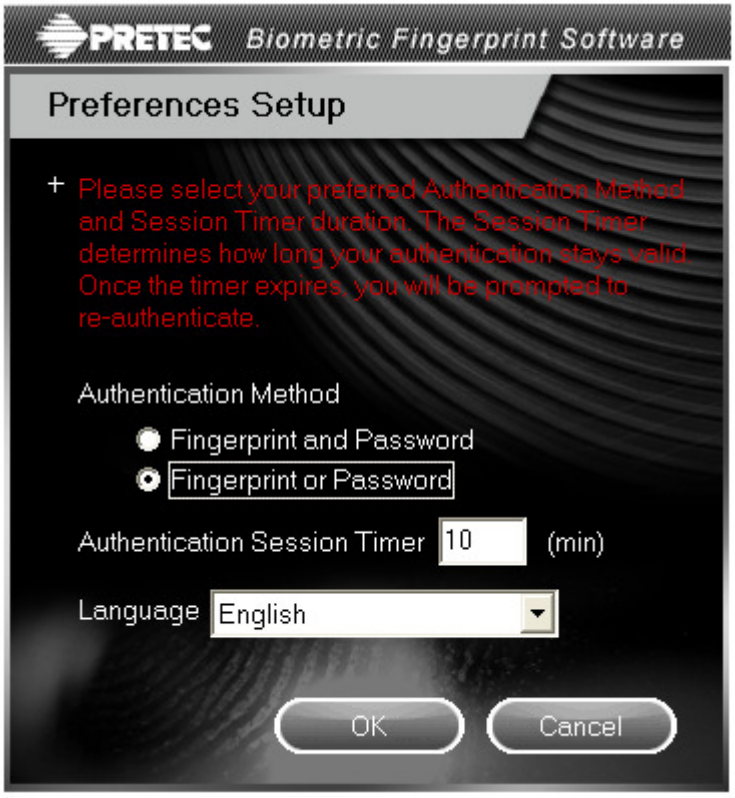
PRETEC Biometric Fingerprint Software
Preferences Setup
Please select your preferred Authentication Method and Session Timer duration. The Session Timer determines how long your authentication stays valid. Once the timer expires, you will be prompted to re-authenticate.
Authentication Method
Fingerprint and Password
Fingerprint or Password
Authentication Session Timer
10
(min)
Language
English
OK
Cancel

Figure 25. Preferences Setting Window

8.3 Stop Authentication Session

This setting is related to the Authentication Validity Timer mentioned above. When accessing **i-Disk Touch**'s functions or protected files, users will be required to verify their identity via fingerprint or password authentication. The authentication will expire when the Authentication Validity Timer expires (unless the timer is set to 0). However, Stop Authentication Session will force the current authentication session to end (log out), meaning you must re-authenticate again before you are able to access the protected files or any of **i-Disk Touch**'s menu functions.

8.4 Backup User Profile

All of the user information stored in **i-Disk Touch** including, your User Information, Passwords and Fingerprint information can be backed up to the computer you are using in the form of "*.bak" file. It is important to create a Backup User Profile because if the **i-Disk Touch** software is re-installed, you will not be able to open any protected files in the computer without first restoring the previous user profile file.

1. To use the **Backup User Profile**, right click on the **Biometric Fingerprint Application** icon on the Windows System Tray and select **"System Settings."** In the drop down menu, select the **"Backup User Profile"** option.

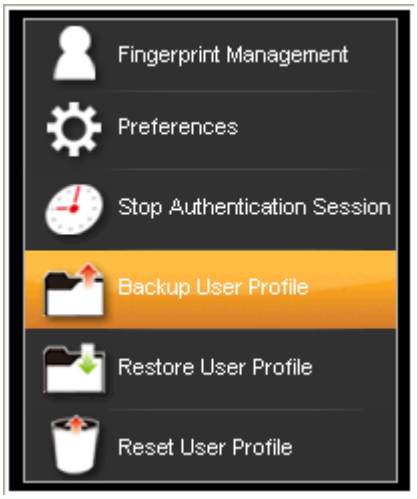

Figure 26. User Profile Backups Function

2. The **Fingerprint Verification** window will appear. Enter your fingerprint, or secure password to access the **Backup User Profile** setting.

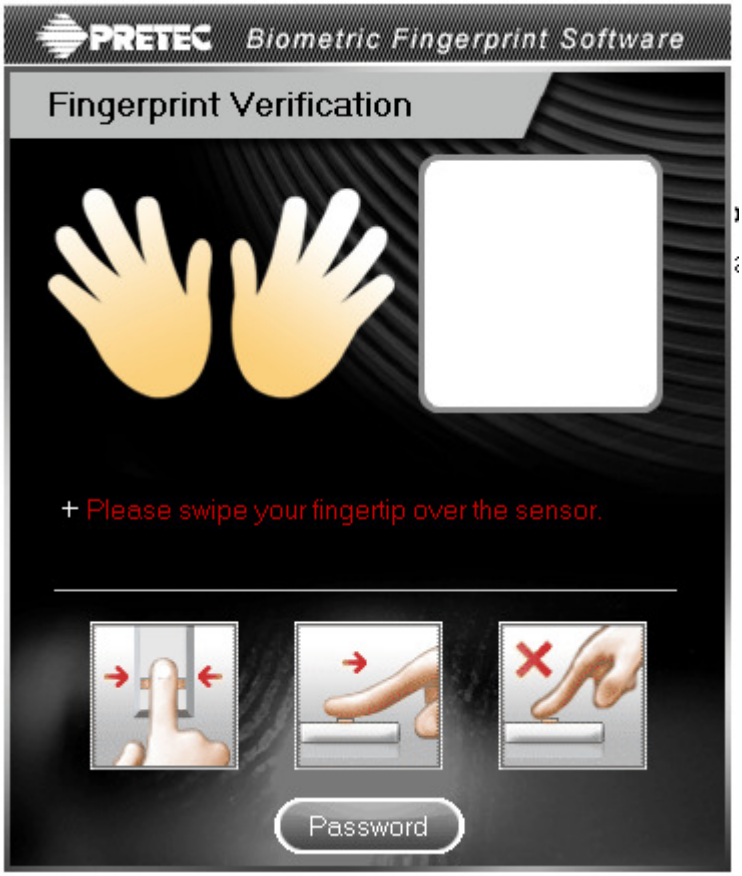

Figure 27. Fingerprint Verification Window

3. The **Backup User Profile** window will appear with a predefined destination folder for the **Backup User Profile**, you can change the destination folder by clicking on the drop down button. Click on the **"Save"** button to begin the Backup process, or the **"Cancel"** button to exit the **Backup User Profile** settings.

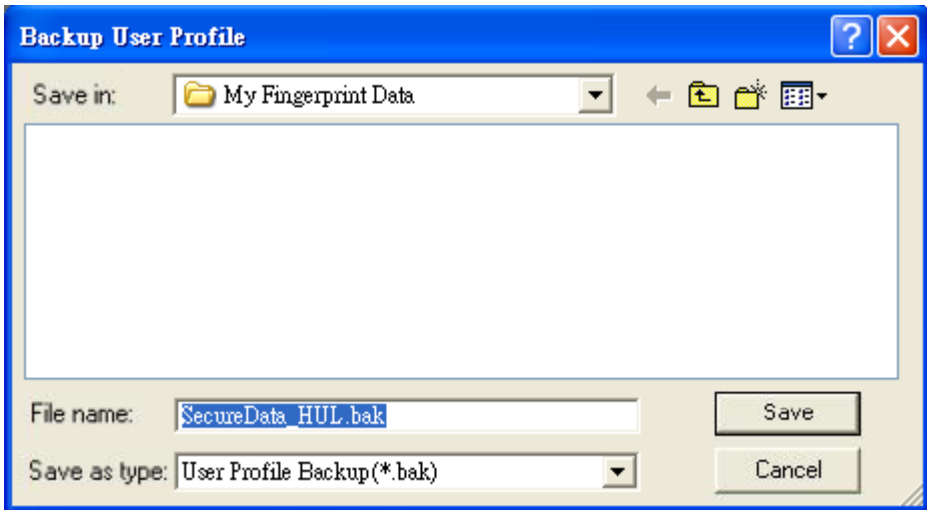

Figure 28. Backup User Profile

4. A successful **"Backup"** message window will appear. Click on the **"OK"** button to complete and exit the **Backup** feature.

Figure 29. Backup Successful

8.5 Restore User Profile

Restoring the User Profile enables users to recover the User Information you backed up in the computer in the form of *.bak file. This includes restoring User Information, Passwords and Fingerprint information, so any previously protected files in the computer can be opened.

1. The **Restore User Profile** feature can be accessed, by right clicking on the **Biometric Fingerprint Application** icon on the Windows System Tray and select **"System."** In the drop down menu select the **"Restore User Authentication File"** option.

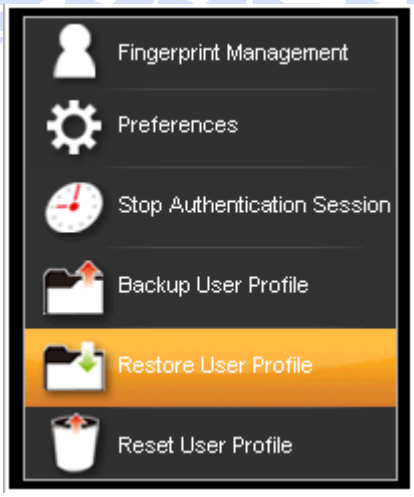

Figure 30. User Profile Restores Function

2. The **Identity Authorization** window will appear. Enter your fingerprint, or secure password to access the **Restore User Profile** setting.

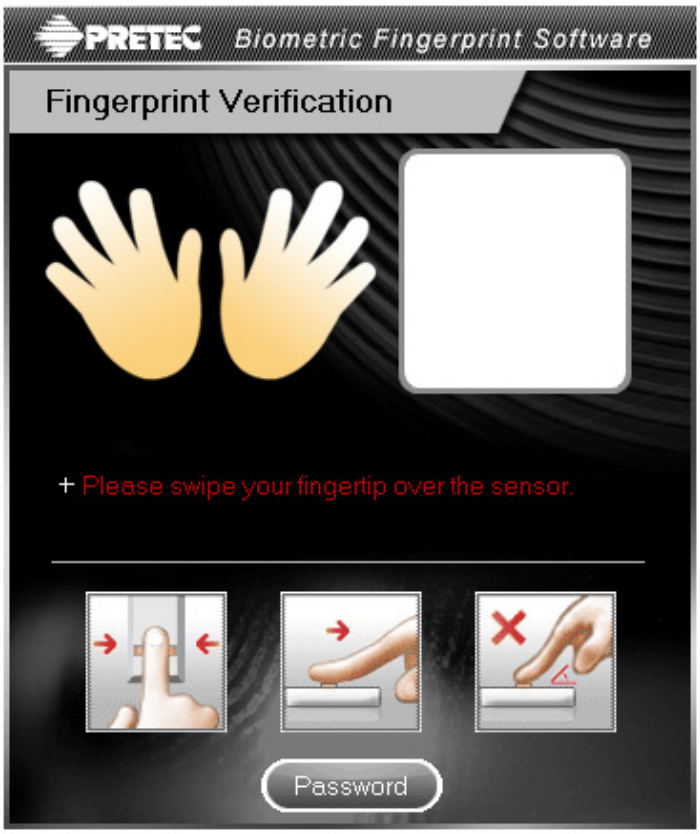

Figure 31. Identity Authorization Login

3. The **Restore** window will appear. If you select to use the predefined folder location for the **Backup User Profile**, the file will be automatically selected as the Restore file. However, if you specify a different location for the **Backup User Profile** you will have to locate and open the file by clicking on the **"Open"** button.

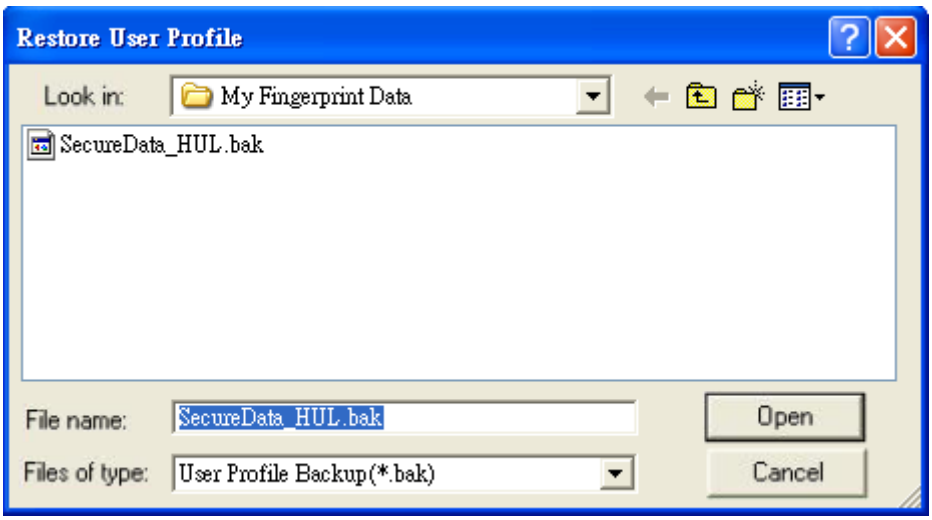

Figure 32. Restore User Profile

4. In the **Restore** window, click on the **"Finish"** button to exit the **Restore User Profile** settings, or click on the **"Restore"** button to run the **Restore** process. A **"Restore"** message window will appear informing you to swipe your Fingerprint in the **Identity Authorization** Login window (or enter your secret Password in the **Password Verification** window) to proceed. Click on the **"OK"** button to continue.

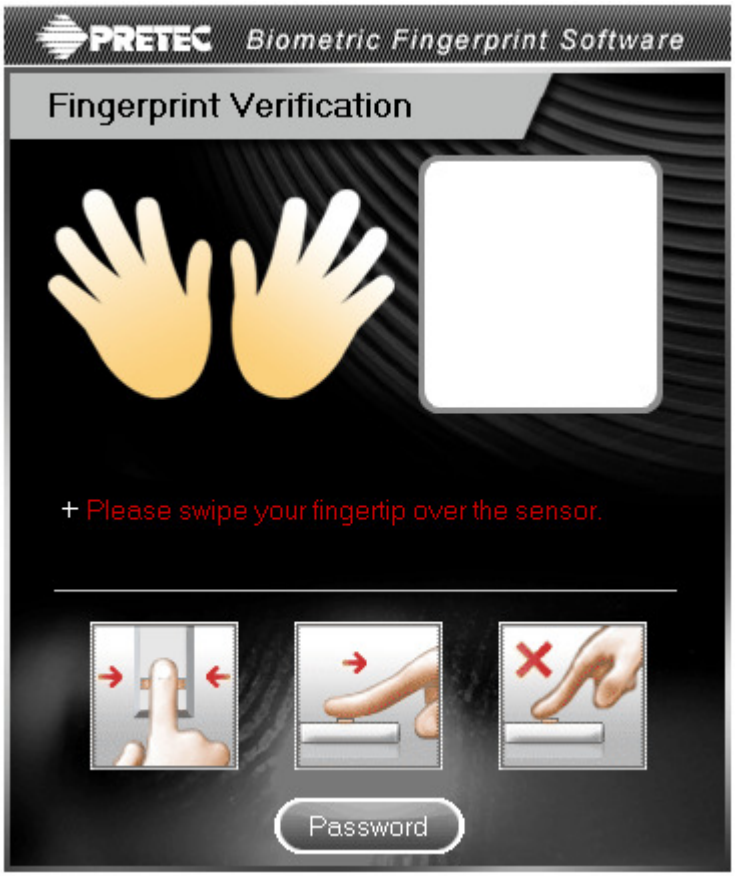

Figure 33. Restore Fingerprint Scan

5. After your Fingerprint is authorized, the **"Restore successfully"** message window will appear. Click on the **"OK"** button to complete and exit the **Restore** feature.

Figure 34. Restore Successful

8.6 Reset User Profile

1. When selecting this option, you will be prompted for fingerprint or secure password verification.

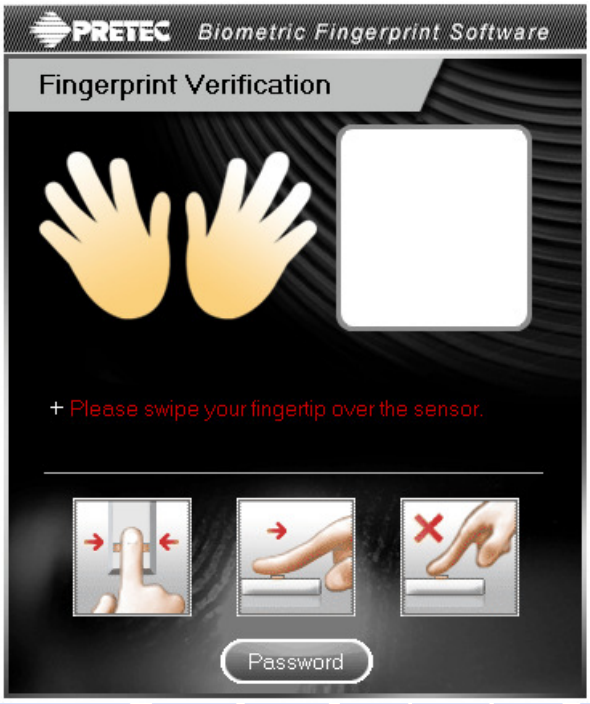

Figure 35. Fingerprint Verification Window for Resetting the User Profile

2. After fingerprint or password authentication, a confirmation window will show up. If you choose **"Yes,"** all user profiles will be deleted.

Pretec Biometric Fingerprint
Are you sure you want to reset the User Profile database? (all fingerprints and settings will be erased)
Yes
No

Figure 36. Confirmation Window for Resetting the User Profile

3. When the User Profile reset process is completed, please press **"OK"** button exit.

Figure 37. User Profile Reset

9. Website Auto-Login

The **Website Auto-Login** feature allows you to automatically login any websites where you have a registered account. **i-Disk Touch** will keep a secure list of all your usernames and passwords, so when you visit a website where you are a registered user, **i-Disk Touch** will automatically log you in, and when you are finished using the computer, simply remove your **i-Disk Touch** and all you passwords are erased from the computer. Website Auto-Login can only be accessed by logging into the **Identity Authorization** window using your fingerprint, or secure password.

This section contains information on;

- **Save Website Login**
- **Delete Website**
- **Quick Login Websites**

9.1 Save Website Login

1. To use the **Website Auto-Login** feature, ensure **i-Disk Touch** is plugged into the computer you are using. Use your computer's web browser to access a website where you have a registered account and enter your **Username** and **Password**.

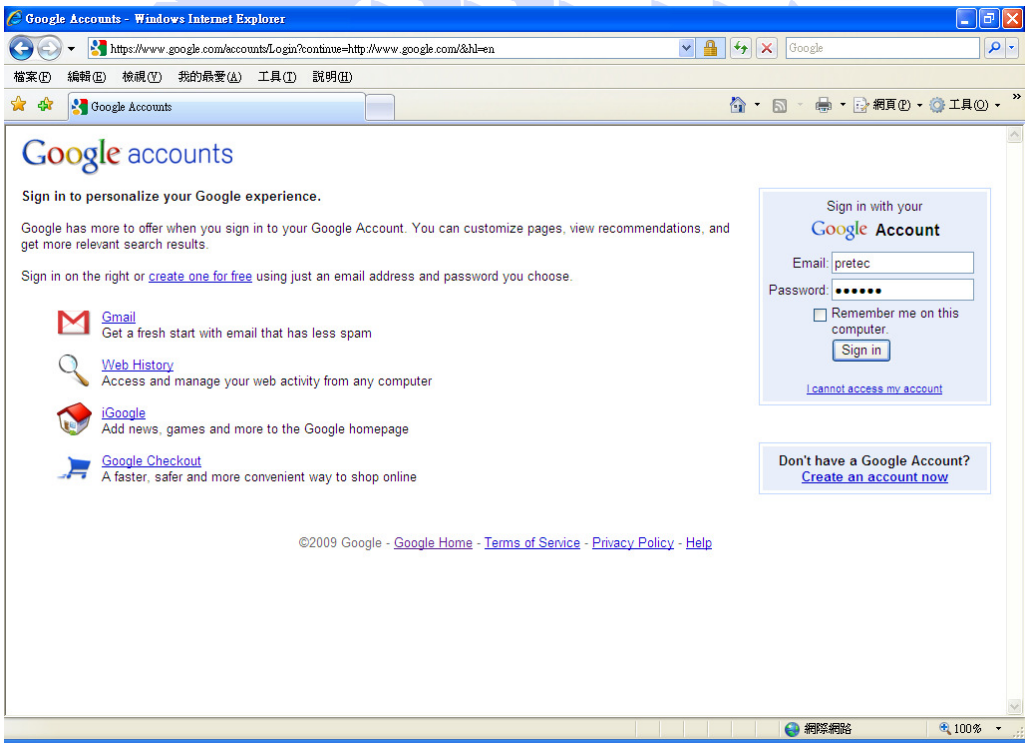
Google Accounts - Windows Internet Explorer
https://www.google.com/accounts/Login?continue=http://www.google.com/&hl=en
Google accounts
Sign in to personalize your Google experience.
Google has more to offer when you sign in to your Google Account. You can customize pages, view recommendations, and get more relevant search results.
Sign in on the right or create one for free using just an email address and password you choose.
Gmail
Get a fresh start with email that has less spam
Web History
Access and manage your web activity from any computer
iGoogle
Add news, games and more to the Google homepage
Google Checkout
A faster, safer and more convenient way to shop online
Sign in with your Google Account
Email: pretec
Password:
Remember me on this computer.
Sign in
I cannot access my account
Don't have a Google Account?
Create an account now
©2009 Google - Google Home - Terms of Service - Privacy Policy - Help

Figure 38. Input Your Website Account and Password

2. In **i-Disk Touch's** Website Auto-Login menu, highlight **"Save Website Login"** and choose the name of the web page you are logging in to.

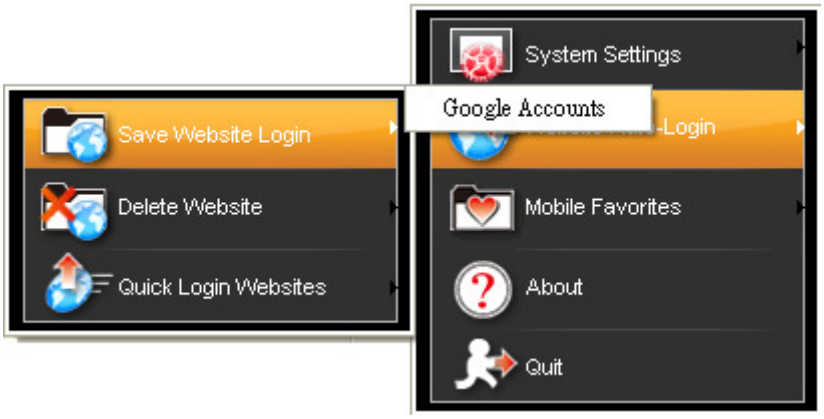

Figure 39. Save Website Login Function

3. The **Identity Authorization** window will appear. Enter your fingerprint or password to access the **Website Auto-Login** function.

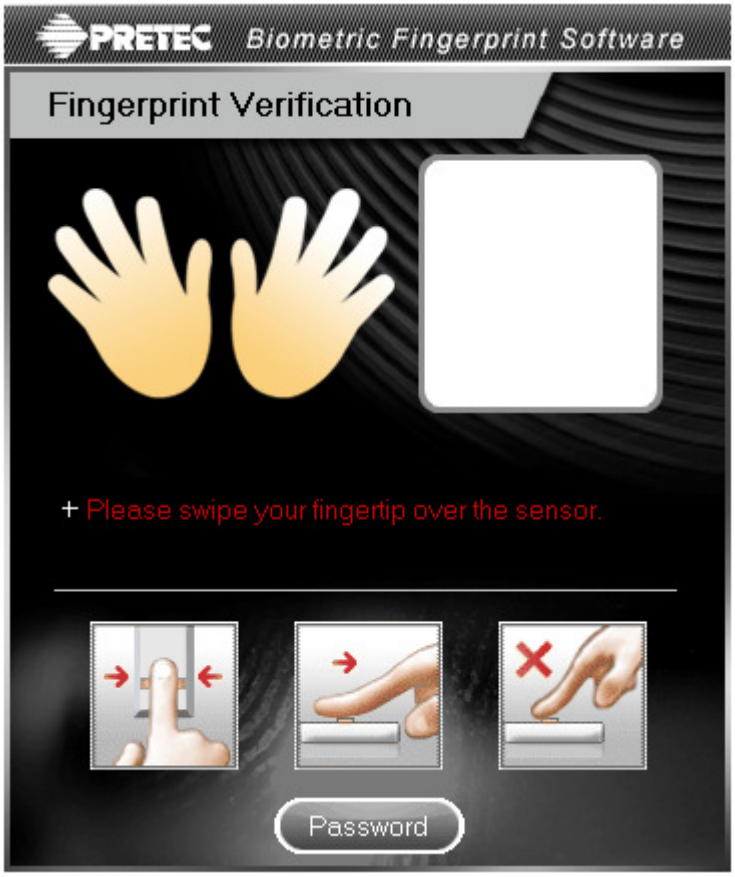

Figure 40. Identity Authorization Login

4. Choose a name for this web page for future access as one of your **i-Disk Touch "Quick Login"** accounts. If you select **"Enable Auto-Login,"** the **i-Disk Touch** software will automatically enter your username/login credentials and sign in for you when you use Quick Login to access that website.

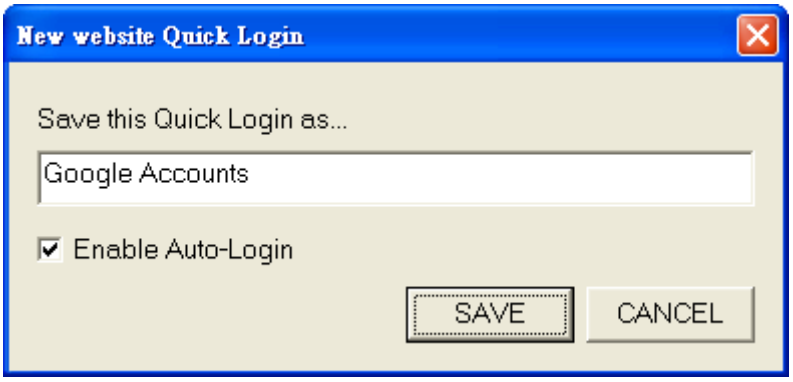

Figure 41. Save Website Registration Information to i-Disk Touch

5. After the website **Username and Password** is saved to **i-Disk Touch**, the **"Saved successfully"** message window will appear. Click on the **"OK"** button to complete and exit the **Website Auto-Login**.

Figure 42. Website Login Information Saved Successful

9.2 Delete Website

1. In the Website Auto-Login menu, select **Delete Website** and choose one of the saved websites (Quick Logins) to delete. Select **"Yes"** in the confirmation window if you are sure you want to delete the quick link and login credentials for that website.

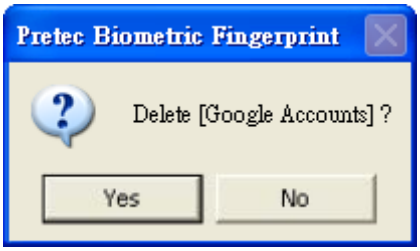

Figure 43. Website Delete Confirmation Window

2. After the web page is deleted, click **"OK"** to complete the Delete Website process and exit.

Figure 44. Website Login Information Delete Successful

9.3 Quick Login Websites

Quick Login Websites shows a list of all the web pages where you save your username and password login information. After a successful fingerprint verification (unless already authenticated and the Authentication Timer has not yet expired), the website page will be opened and your account and password will be automatically reloaded. If you select "Enable Auto-Login" when saving the website login information, you will be logged on to the website automatically.

10. Mobile Favorites

The **Mobile Favorites** feature allows you to save your **Internet Explorer Favorites** to **i-Disk Touch**. The advantage of this feature is that you can plug your **i-Disk Touch** into another computer and open an Internet Explorer session that automatically contains a list of your personal favorites.

This section contains information on;

- **Open Mobile Favorites**
- **Import My Favorites from PC**

10.1 Open Mobile Favorites

1. To use the **Mobile Favorites** feature, right click on the **Biometric Fingerprint Application** icon on the Windows System Tray and select **"Mobile Favorites."** In the drop down menu, select the **"Open Mobile Favorites"** option.

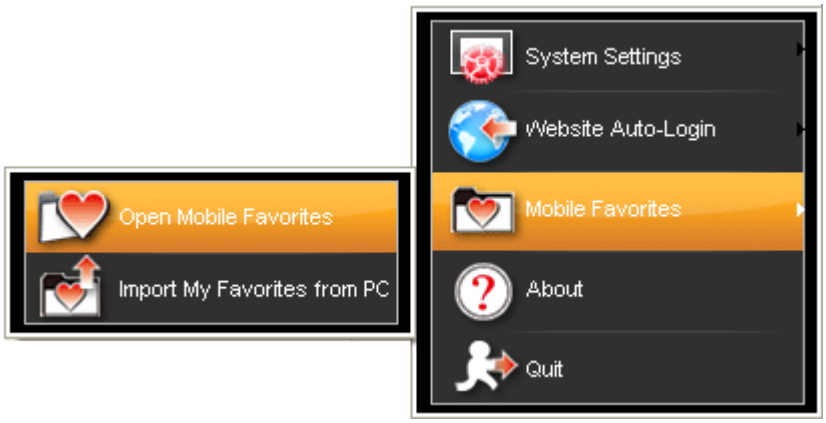

Figure 45. Open Mobile Favorites Function

2. The first time you use the **Mobile Favorites** function you will need to **Import My Favorites from PC**, which will save all of your **Internet Explorer Favorites** information to **i-Disk Touch**. Your bookmarks will be stored in the Pretec Biometric Fingerprint\Mobile Favorites folder in **i-Disk Touch**'s **PRI** partition**.**

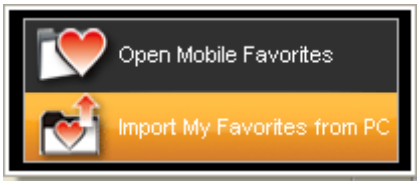

Figure 46. Import My Favorites from PC

3. After exporting your local Internet Explorer Favorites, each time you access the **Open Mobile Favorites** function on **i-Disk Touch**, the Internet Explorer Mobile Favorites program will open with your preinstalled favorites.

Figure 47. Internet Explorer Mobile Favorites

10.2 Import My Favorites from PC

1. Use this function to update your Internet Explorer favorites information in **i-Disk Touch**.

   Right click on the **Biometric Fingerprint Application** icon on the Windows System Tray and select **"Mobile Favorites."** In the drop down menu, select the **"Import My Favorites from PC"** option to copy current computer's bookmarks (Favorites) to **i-Disk Touch**.

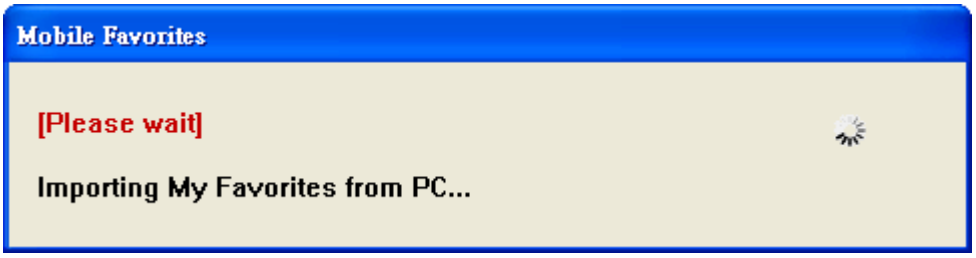

Figure 48. Importing Bookmarks to i-Disk Touch

2. If Internet Favorites information files are already in **i-Disk Touch**, you will be prompted to **Confirm File Replace**. Select the appropriate options and when the copying process is completed, the **"Import My Favorites from PC"** process is successful.

Figure 49. Bookmarks Replace Confirmation Window

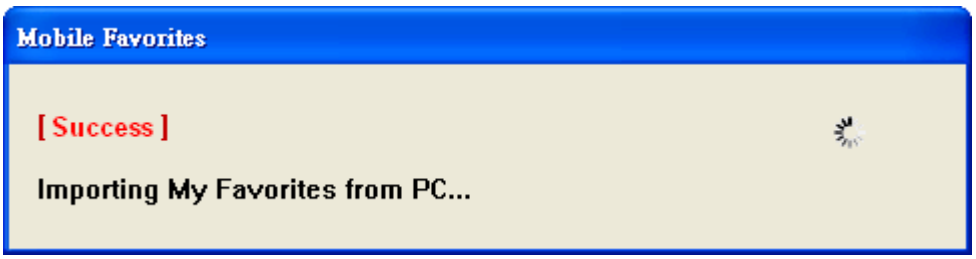

Figure 50. Bookmarks Exported Successful

11. Advanced Functions

1. Put the **i-Disk Touch** toolkit CD into your computer's CD-ROM drive for autorun. Click the **Advanced Functions** to install the advanced functions **of the i-Disk Touch Biometric Fingerprint Software**.

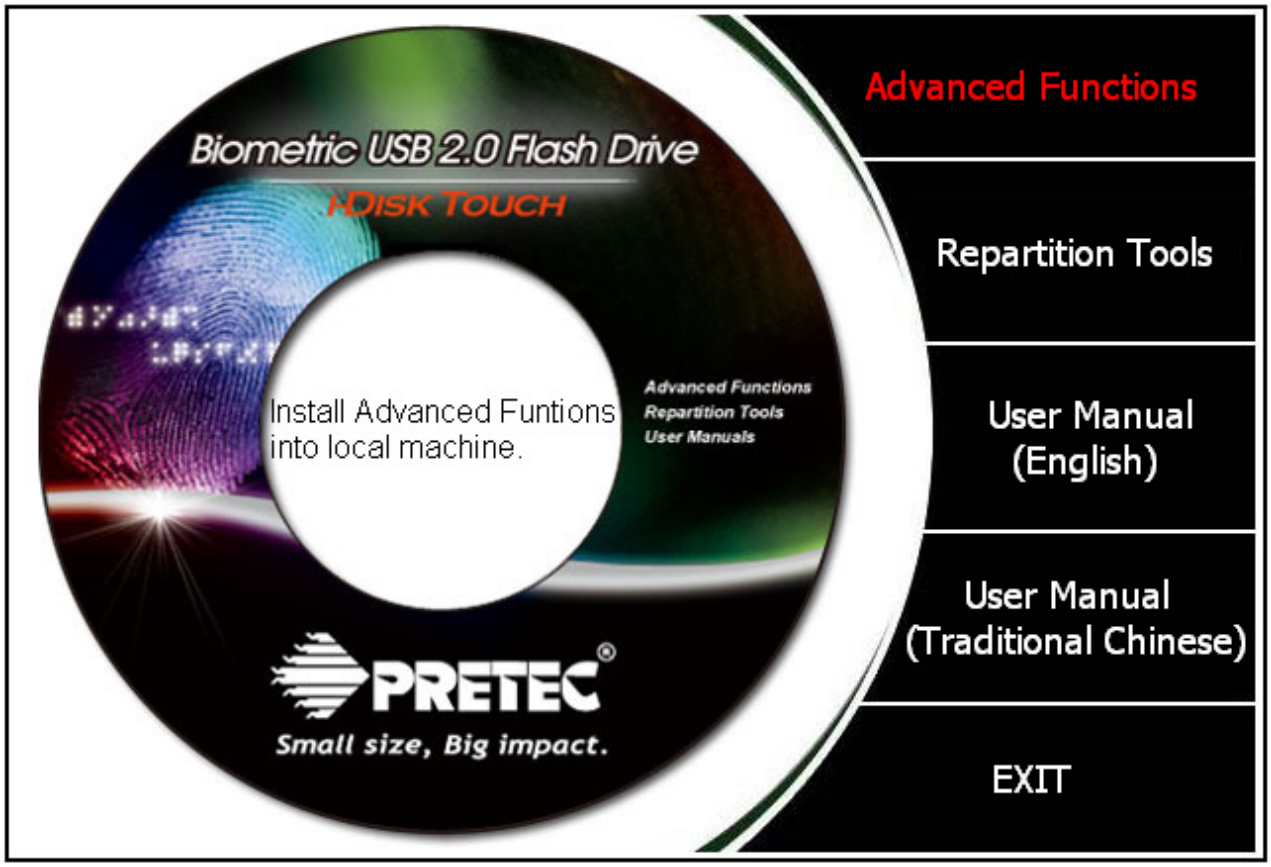

Figure 51. Click "Advanced Functions" to Install the Advanced Functions into Your Computer

2. After clicking on **Advanced Functions** button, follow the instructions in the Setup wizard to complete the installation.

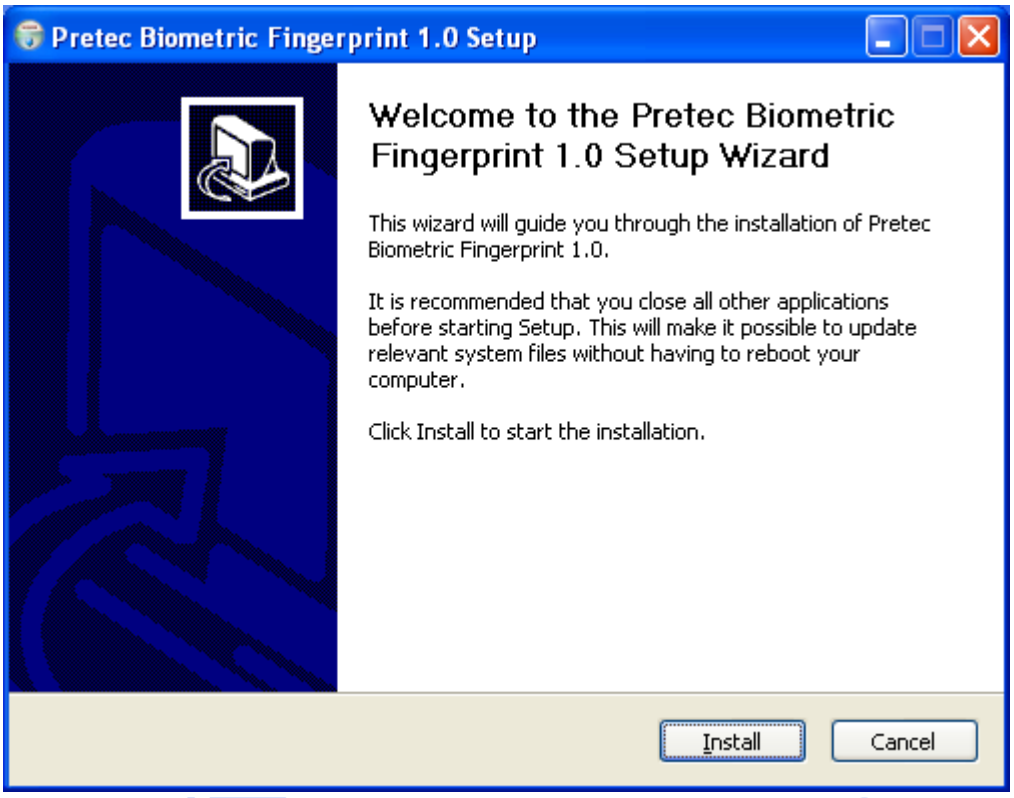
Pretec Biometric Fingerprint 1.0 Setup
Welcome to the Pretec Biometric Fingerprint 1.0 Setup Wizard
This wizard will guide you through the installation of Pretec Biometric Fingerprint 1.0.
It is recommended that you close all other applications before starting Setup. This will make it possible to update relevant system files without having to reboot your computer.
Click Install to start the installation.
Install
Cancel

Figure 52. Advanced Functions Setup Wizard

After installing the Advanced Functions, several new options such as **PC-Lock, Secure Virtual Disk and 256-bit Files/Folders Encryption** features will be added to the i-Disk Touch software's main menu below：

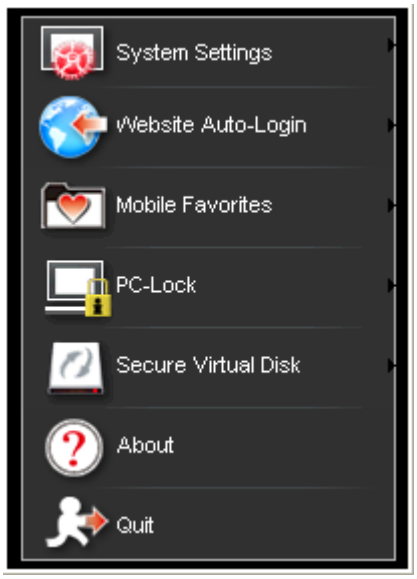

Figure 53. i-Disk Touch Biometric Fingerprint Software Advanced Main Menu (Advanced Version)

1. **Files and Folders Encryption and Decryption:** Use fingerprint authentication to encrypt and decrypt (256-bit AES, the topmost encryption level) files or folders to protect your confidential data.

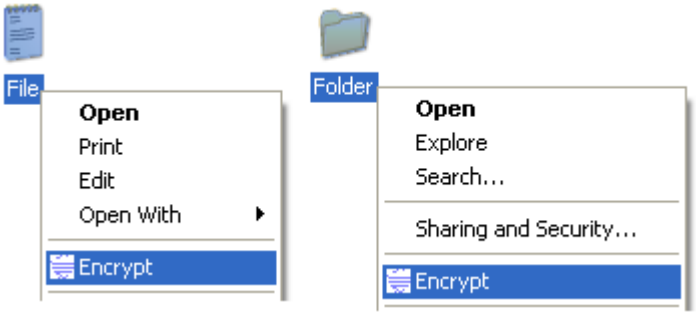

Figure 54. File/Folder Encryption and Decryption

2. **PC-Lock:** Temporarily lock your computer to prevent unauthorized access while you are away.

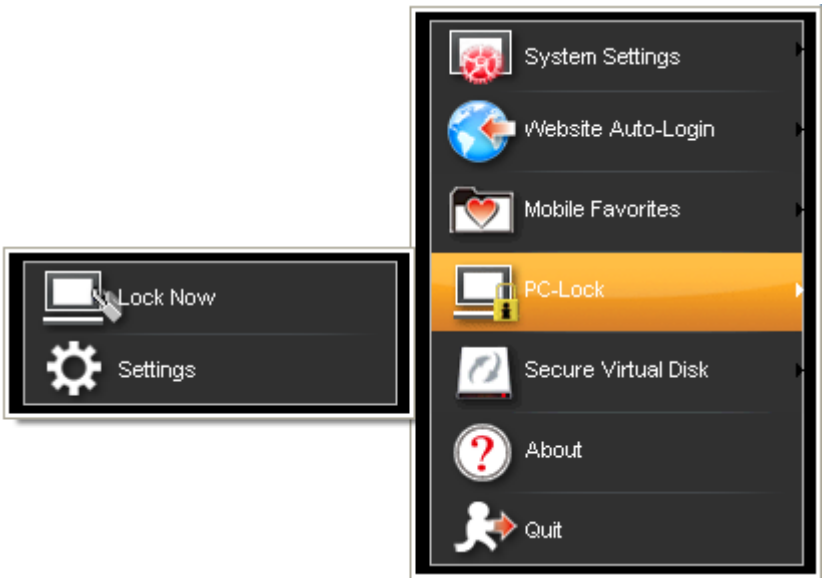

Figure 55. PC-Lock Functions

3. **Secure Virtual Disk:** Create an encrypted virtual disk on your computer's hard drive. The secure virtual disk will only appear upon successful fingerprint authentication or secure password verification. Unmounting the secure virtual disk will be encrypted and hided from your computer.

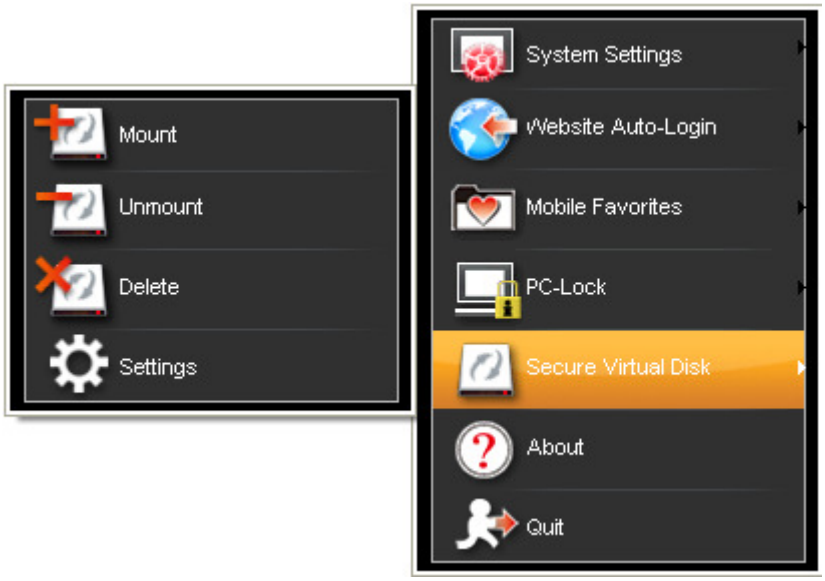

Figure 56. Secure Virtual Disk Functions

12. Files and Folders Encryption and Decryption

i-Disk Touch's **Files and Folders Encryption and Decryption** feature allows you to securely protect files with 256-bit AES security technology that are stored in your computer. Encrypted files can only be accessed by logging in to the **Identity Authorization** window using your fingerprint, or password.

This section contains information on;

- **File / Folder Encryption**
- **File / Folder Decryption**

12.1 File / Folder Encryption

1. Right-click on the file or folder that you would like to encrypt and it will pop up a context menu. Then choose the **i-Disk Touch Encrypt** option.

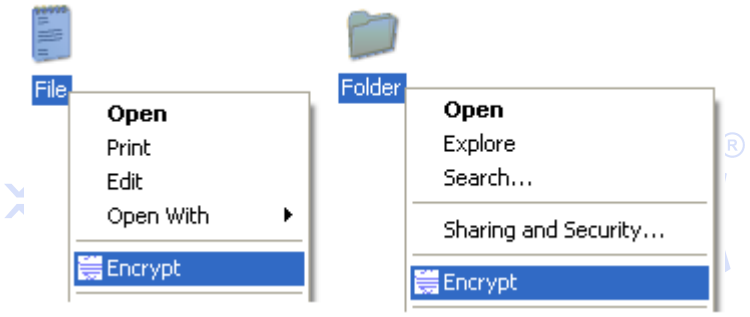

Figure 57. Selecting the File/Folder Encrypt Option

2. The **Identity Authorization** window will appear. Enter your fingerprint, or secure password to access the **Encryption/Decryption** function.

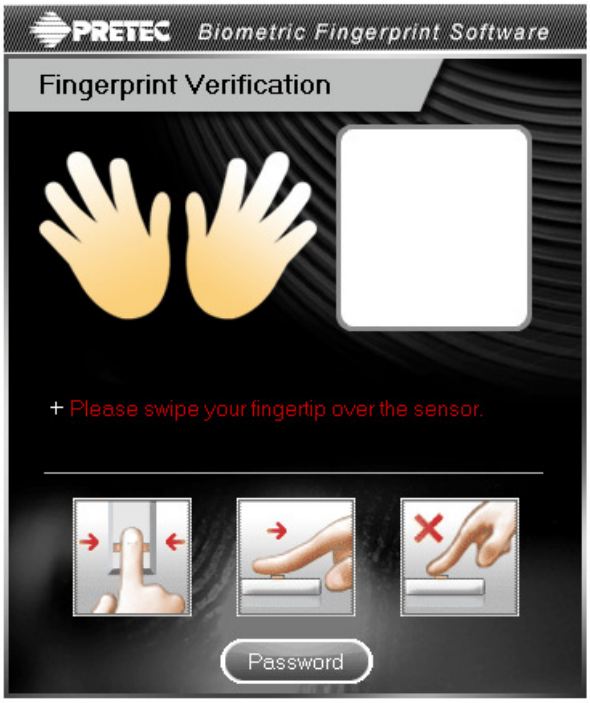

Figure 58. Identity Authorization Login

3. Once encrypted, the icon of the confidential file or folder will be changed. The file or folder may now be opened only with proper fingerprint/password authentication.

Figure 59. 256-bit AES Encrypted Confidential File and Folder

12.2 File / Folder Decryption

There are two methods to decrypt the encrypted file or folder. One method is to right-click on the encrypted file or folder and choose the **Decrypt** option. The other method is to double click on the encrypted file or folder directly and simply open it with fingerprint verification. When the second method is used, the opened file/folder will be Read-Only mode. This means you will not be able to remove or edit the encrypted file and folder.

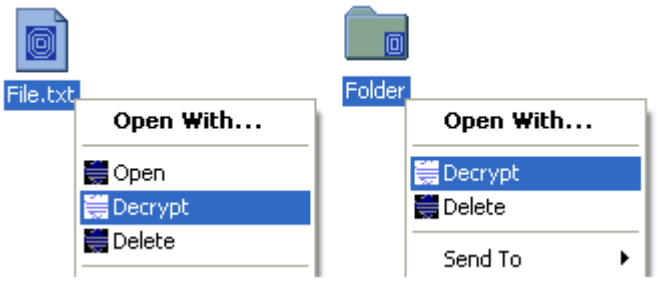

Figure 60. File and Folder Decrypt Option

13. PC-Lock

This function allows you to temporarily lock your PC to prevent the unauthorized user from acquiring your computer while you are away. Additionally, this feature allows you to login to you Windows through fingerprint verification instead of your usual text-based Windows password login.

This section contains information on;

- **Lock Now**
- **Settings**

13.1 Lock Now

1. In the PC-Lock menu, select the Lock Now option to immediately lock your computer. Your computer now requires fingerprint/password verification to regain access.

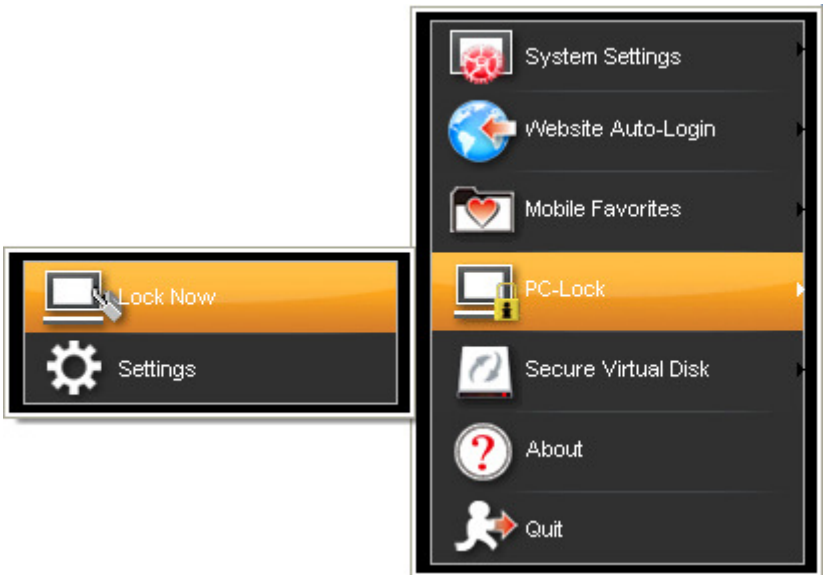

Figure 61. The Computer Lock Now Function

2. Once the computer is locked, a "Computer Locked" window will be displayed in the middle of the screen. When you click the "Unlock" button, you will be prompted for fingerprint/password verification. The computer will be unlocked upon successful fingerprint/password verification.

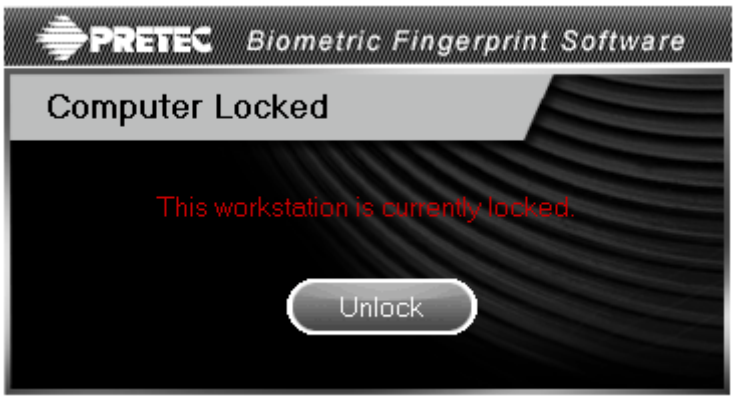

Figure 62. Computer Locked Window

13.2 Settings

There are three modes to use for PC Lock and you could have multiple choices.

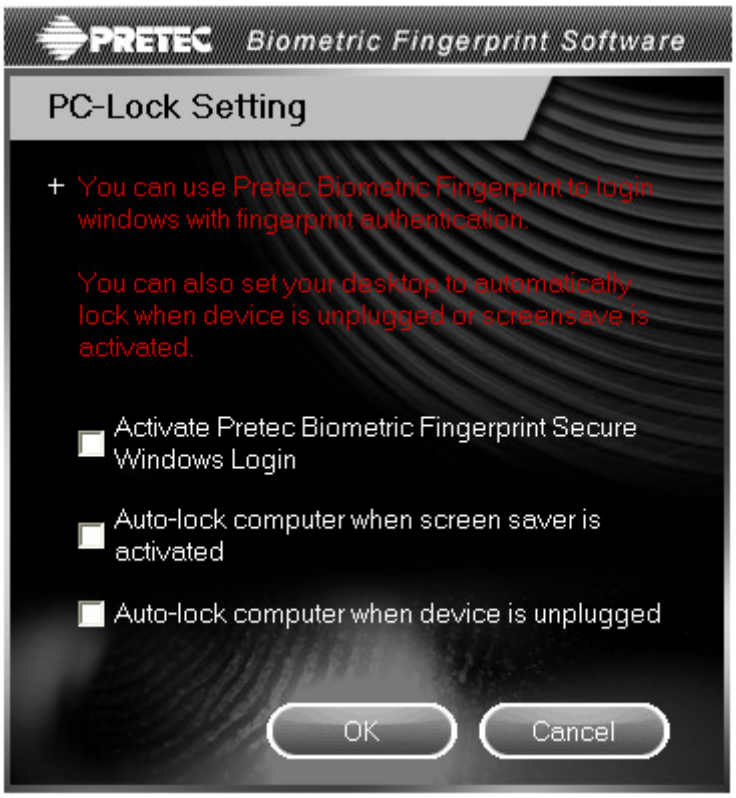
PRETEC Biometric Fingerprint Software
PC-Lock Setting
+ You can use Pretec Biometric Fingerprint to login windows with fingerprint authentication.
You can also set your desktop to automatically lock when device is unplugged or screensave is activated.
Activate Pretec Biometric Fingerprint Secure Windows Login
Auto-lock computer when screen saver is activated
Auto-lock computer when device is unplugged
OK
Cancel

Figure 63. PC-Lock Settings Window

I. Activate Pretec Biometric Fingerprint (i-Disk Touch) Secure Windows Login

1. If you select this function, your Windows login prompt will be changed as the example below. To login to Windows, press **Ctrl+Alt+Del** button simultaneously to enter next step.

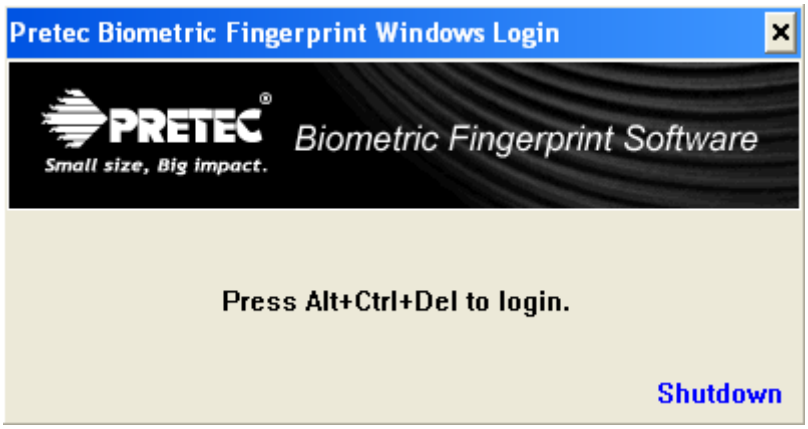

Figure 64. i-Disk Touch Windows Login Window

2. After pressing Alt+Ctrl+Del, you will be prompted for fingerprint/password verification. Upon successful fingerprint verification, your computer will log on to Windows normally.

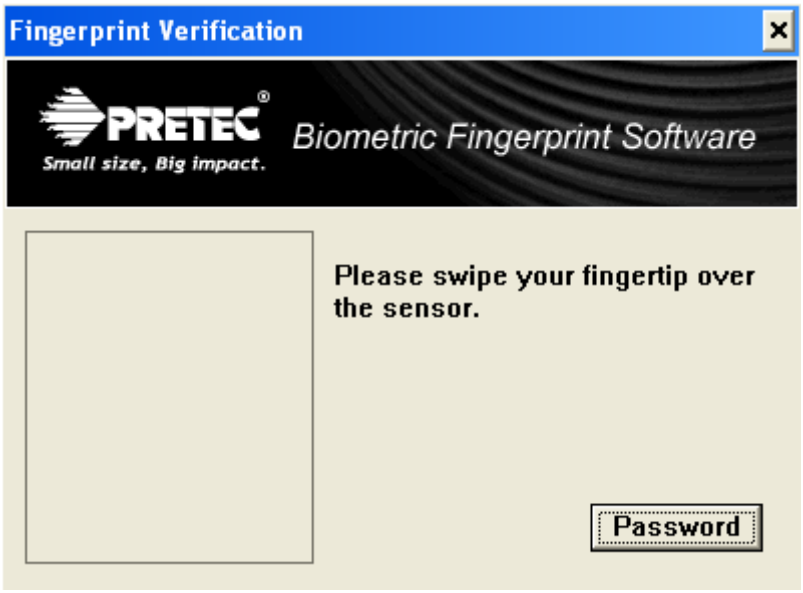

Figure 65. i-Disk Touch Windows Login Fingerprint Verification

II. Auto-lock computer when screen saver is activated

Choose this option to lock your computer automatically whenever the screen saver is activated. Fingerprint/password verification will be required to unlock it.

III. Auto-lock computer when device is unplugged

Choose this option to lock your computer automatically whenever **i-Disk Touch** is unplugged from your computer's USB port.

14. Secure Virtual Disk

This function will create a secure virtual disk on your computer's hard drive. The size of secure virtual disk is adjustable, depending on the actual hard disk free space available. When creating or mounting a secure virtual disk, you will need to protect it with fingerprint/password verification. This assures that your secure virtual disk remains private, while it will encrypt via 256-bit AES technology and disappear when it is unmounted or when **i-Disk Touch** is unplugged.

This section contains information on;

- **Mount Secure Virtual Disk**
- **Unmount Secure Virtual Disk**
- **Delete Secure Virtual Disk**
- **Secure Virtual Disk Settings**

14.1 Mount Secure Virtual Disk

1. When you create a new secure virtual disk, a settings window will appear. This will allow you to adjust the location, name and size of the secure virtual disk.

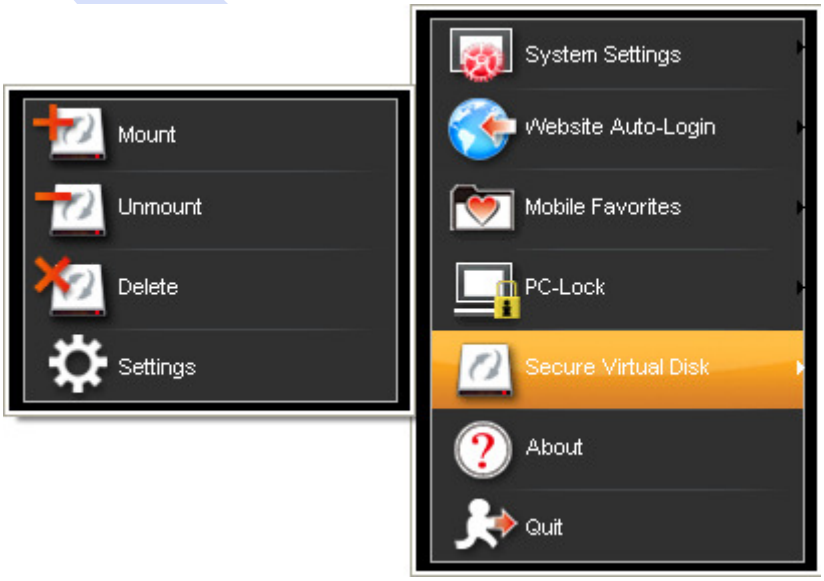

Figure 66. Secure Virtual Disk Menu

2. Once you have chosen your desired settings, click on **"OK"**, to create a new secure virtual disk. The creation process may take a few times, please be patient until it is completed.

PRETEC Biometric Fingerprint Software
Secure Virtual Disk Setting
+ You may create a private Secure Virtual Disk on your hard drive, which will only appear upon fingerprint validation.
Create Secure Virtual Disk on drive
C
Free space 141203 MB
Secure Virtual Disk volume label
VirtualDisk
Secure Virtual Disk size
128
MB
OK
Cancel

Figure 67. Secure Virtual Disk Settings Window

3. When the secure virtual disk is successfully created, you will find a drive labeled as "VirtualDisk (Z:)" in your My Computer window. If the drive letter Z: is already used, another letter such as (Y:), (X:), or (W:) will be used instead.

   * Note: If your physical hard disk is formatted with the FAT32 file system, the maximum possible size of the secure virtual disk will up to be 4095MB.

14.2 Unmount Virtual Disk

Choosing this option in the Secure Virtual Disk menu will cause your secure virtual disk to temporarily disappear from the computer until it is mounted again. Although the secure virtual disk will still exist on the physical hard drive, it will be completely invisible and its data will remain safe and 256-bit AES encrypted.

14.3 Delete Virtual Disk

This function will permanently delete the secure virtual disk along with all of its stored data. Select this function and click on **"Yes"** to confirm the deleting process.

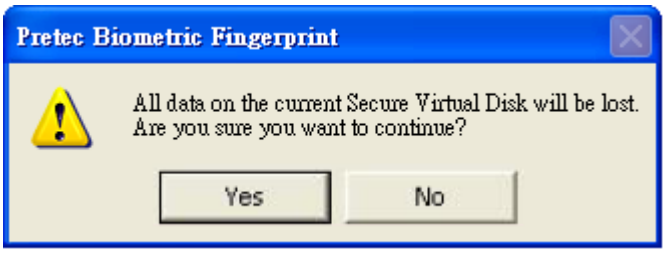
Pretec Biometric Fingerprint
All data on the current Secure Virtual Disk will be lost.
Are you sure you want to continue?
Yes
No

Figure 68. Secure Virtual Disk Deletes Confirmation Window

14.4 Setting Virtual Disk

This settings option in Secure Virtual Disk menu allows you to adjust the location, name and size of your secure virtual disk.

1. Choose the drive letter of the physical hard drive where you would like to put the secure virtual disk.
2. Choose a name for the secure virtual disk.
3. Adjust the capacity of the secure virtual disk (If you set the size to zero, the secure virtual disk will be deleted).

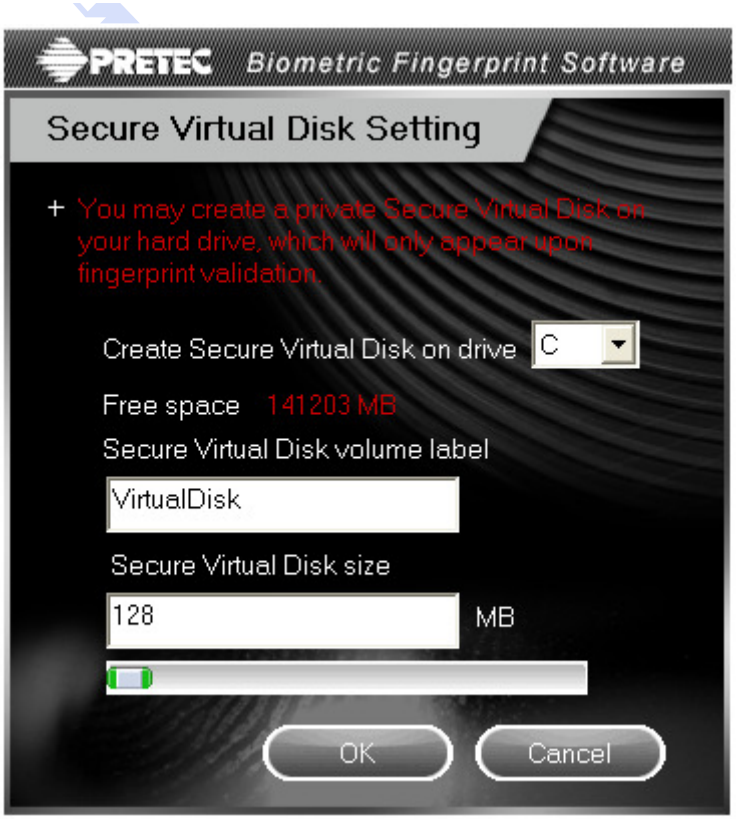
PRETEC Biometric Fingerprint Software
Secure Virtual Disk Setting
+ You may create a private Secure Virtual Disk on your hard drive, which will only appear upon fingerprint validation.
Create Secure Virtual Disk on drive
C
Free space 141203 MB
Secure Virtual Disk volume label
VirtualDisk
Secure Virtual Disk size
128
MB
OK
Cancel

Figure 69. Setting Secure Virtual Disk

15. Repartition Tool

The **Repartition** feature allows you to adjust the size of the two partitions on **i-Disk Touch**. The advantage of this feature is that you can customize the size of the **PrivateZone** and **PublickZone** areas on **i-Disk Touch** to suit your needs. Any information saved in the **PrivateZone Disk** is securely protected and can only be accessed by logging in to the **Identity Authorization** window, the other area will remain a **PublicZone Disk**, which is open to access. (Note: **PUB** and **PRI** drive letter representing **PublicZone** Disk and **PrivateZone** Disk for short.)

> **WARNING!** Partitioning i-Disk Touch will erase any information on the disk. Please backup any information that you have on the drive before repartitioning i-Disk Touch

1. To use the **Repartition Tool** feature, plug **i-Disk Touch** into an available USB port on your desktop, or notebook computer.
2. The **Identity Authorization** window will appear. Enter your fingerprint, or password to access the **Repartition Tool** function.

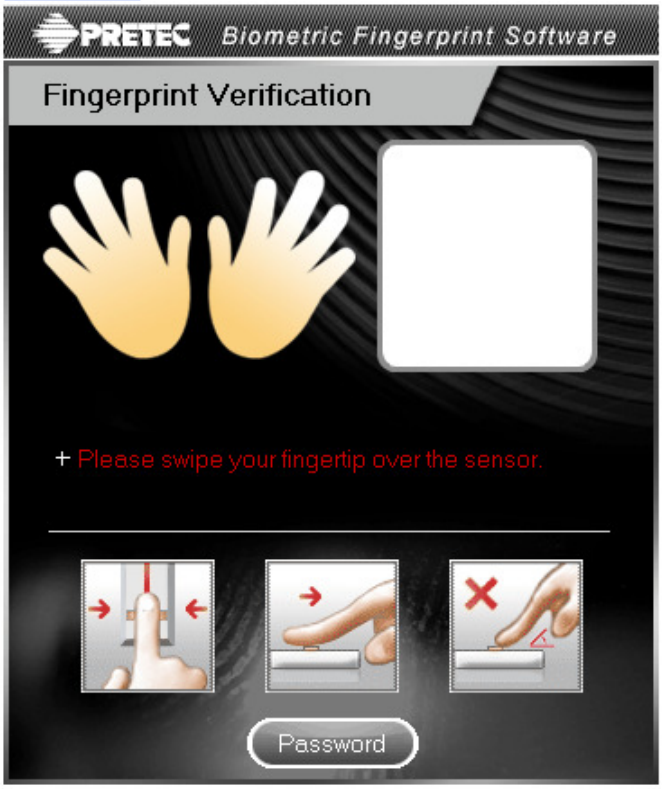

Figure 70. Identity Authorization Login Window

3. Put the Toolkit CD into the CD-ROM (Auto-Run supported). Click the **"Repartition Tool"** button to launch the Repartition application.

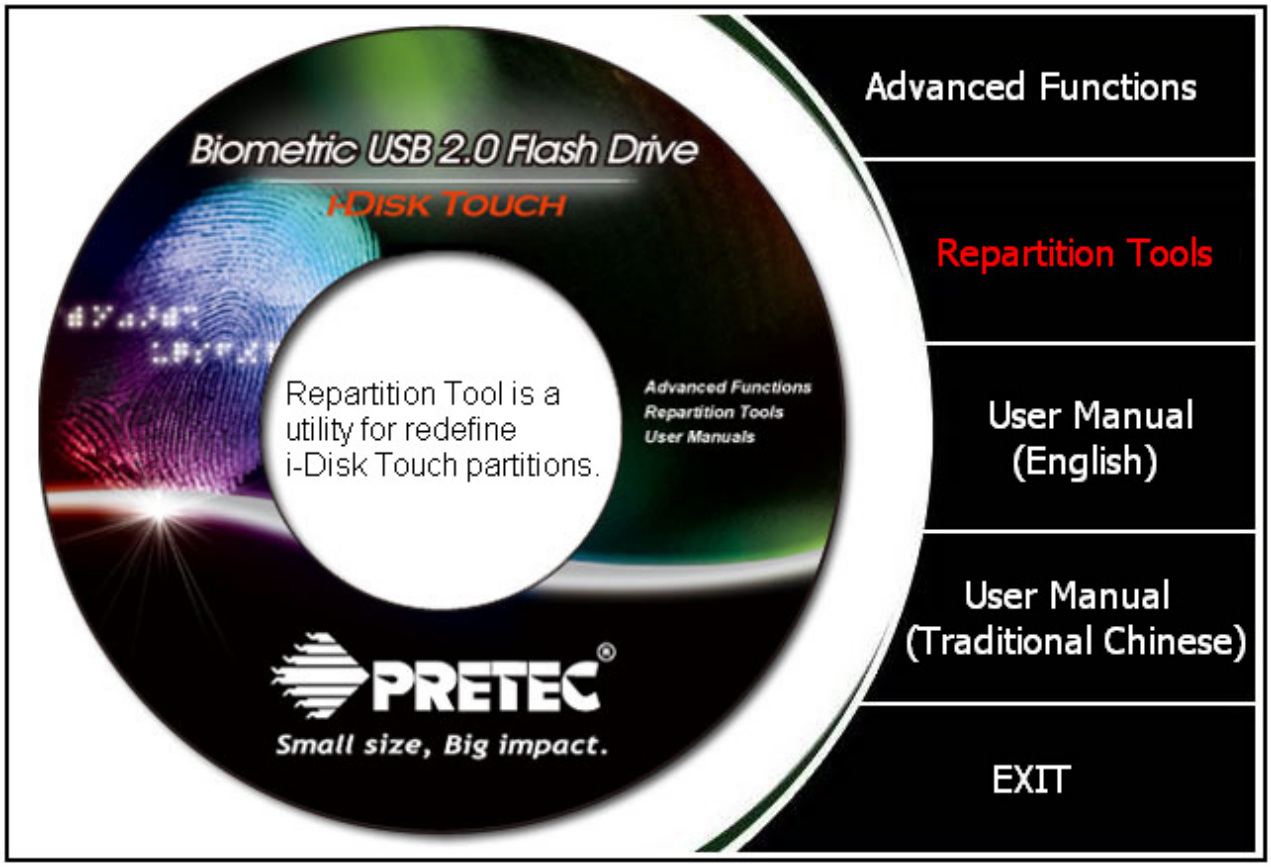

Figure 71. Repartition Tools

4. The **Partition Wizard** window will appear. You will be prompted to backup the **i-Disk Touch** user profile to a specified location on your hard drive. Click on the **"Next"** button to the next step – **Disk Repartition**.

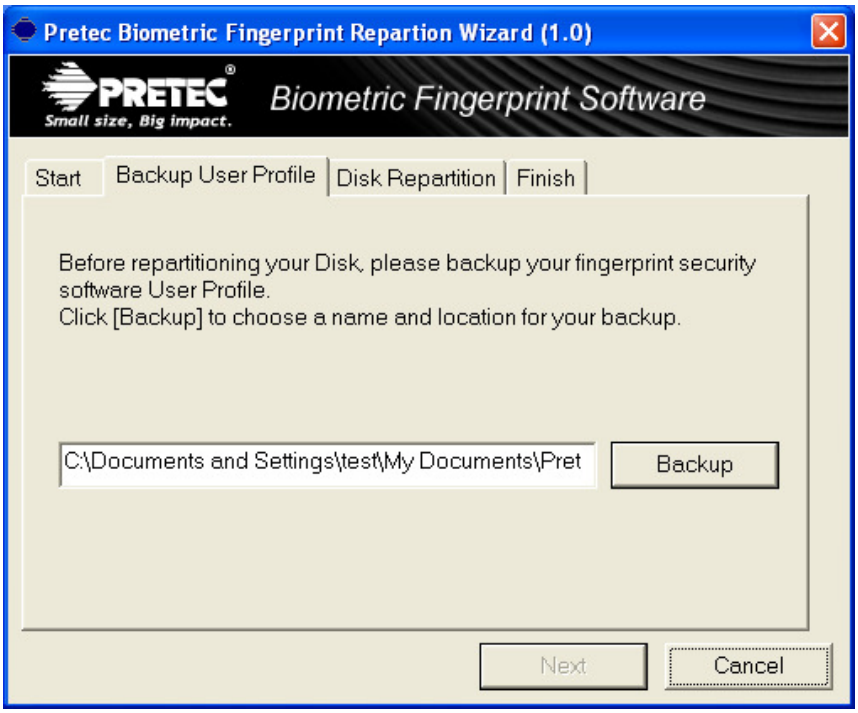

Figure 72. Backup User Profile

5. You can customize the size of the **PrivateZone** and **PublicZone** on **i-Disk Touch** by moving the control bar to the left or right.

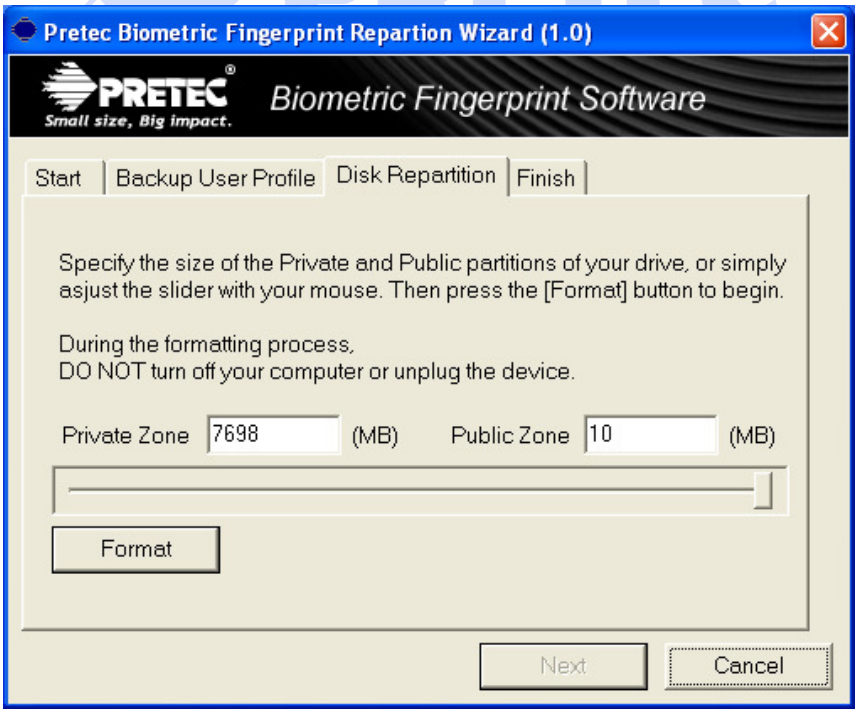

Figure 73. Adjust the PrivatZone/PublicZone Partition Size

6. After you have divided **i-Disk Touch**'s **PrivateZone** and **PublicZone** into the required sizes, click on the **"Format"** button to begin repartitioning the drive.

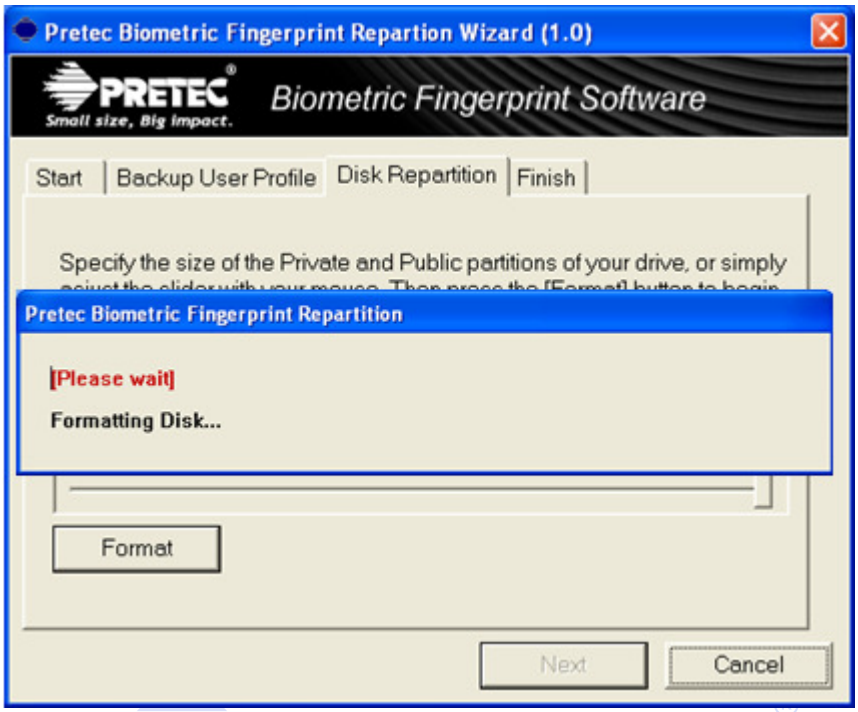

Figure 74. Start Repartition Process

7. When the repartition process is complete, the Repartition Wizard will restore your user profile to **i-Disk Touch** (Including all settings, passwords and fingerprints information).
8. A **"Format Complete"** message window will appear confirming that the disk has been successfully partitioned. Click on the **"Finish"** button to complete and exit the Partition Tool. Unplug and Re-plug **i-Disk Touch** into your computer to activate the new settings.

Figure 75. Partition Completed

9. After you repartition **i-Disk Touch**'s drive, the **PrivateZone** partition and its contents will remain invisible until you log into the **Identity Authorization** window. After you login any information you save to **i-Disk Touch** will be saved to the **PrivateZone** area and securely protected. If you do not log into the **Identity Authorization** any information you save will be saved to the **PublicZone** area for open access.

16. Technical Support and Contact Information

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